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# **N.E.B. COPY**

**Paramount et al Liard K-29  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Nahanni Formation**

**Workover Test (PRD)  
November 04-December 01, 2004**

**Opseco** 

## **GENERAL INFORMATION**

### **Client Information:**

Company: PARAMOUNT RESOURCES LTD

Contact: DAVE BLOCK

Phone: 403-206-3834 Fax: e-mail:

### **Site Information:**

Contact: RICK BALL

Phone: 780-849-9195 Fax: e-mail:

### **Well Information:**

Name: PARAMOUNT et al LIARD K-29

Operator: PARAMOUNT RESOURCES LTD

Location-Downhole: K-29(GRID SECTION 60 30' N, 123 DEG 30'W)

Location-Surface:

### **Test Information:**

Company: OPSCO ENERGY INDUSTRIES LTD

Representative: LAWRENCE BEWS

Supervisor: BART MCHENRY

Test Type: WORK OVER TEST

Job Number:

Test Unit: Peerless 12.m<sup>3</sup>

Start Date: 2004/11/06

Start Time: 16:30:00

End Date: 2004/11/30

End Time: 17:30:00

Report Date: 2004/12/08

Prepared By: KENDRA MAHON

### **Remarks:**

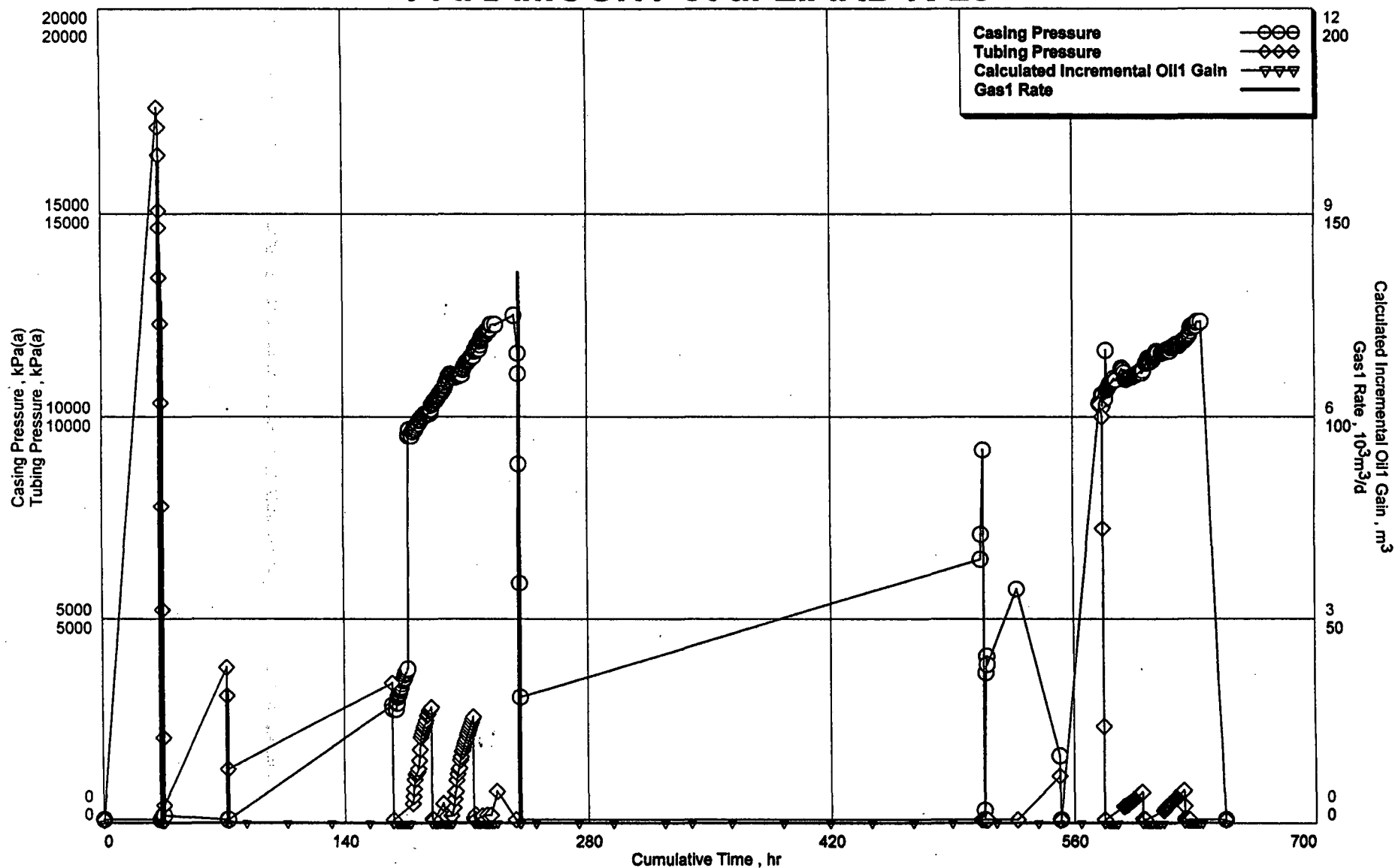
Qualified By: KENDRA MAHON

NAHANNI PERFORATED INTERVALS: 2500.0-3000.0 mKB

PARAMOUNT RESOURCES LTD.  
 K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
 Start Test Date: 2004/11/06  
 Final Test Date: 2004/11/30

PARAMOUNT et al LIARD K-29  
 Formation: NAHANNI

# PARAMOUNT et al LIARD K-29



**GasPro**

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD

## REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg    | Çsg                                                               | Stat | Diff   |      |       |         | Gas                              | Cum.                           | Fld            |       | Inc            | Cum            |                                   |       |    |  |
|------------|------------|----------|--------|-------------------------------------------------------------------|------|--------|------|-------|---------|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-------|----|--|
| Date       | Time       | Time     | Pres   | Pres                                                              | WHT  | Pres   | Pres | MRT   | Orifice | Rate                             | Gas                            | Vol            | BSW   | Wat            | Wat            | WGR                               | Sal   | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a) | kPa(a)                                                            | °C   | kPa(a) | kPa  | °C    | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm   |    |  |
| 1          | 2004/11/04 | 07:59:00 | 0.000  | 93                                                                | 93   | 0      | 93   | 0.00  | 0       | 0.00                             | 0.000                          | 0.000          | 0.000 | 0              | 0.000          | 0.000                             |       |    |  |
| 2          |            | 08:00:00 | 0.017  | Travel to Fort Liard.                                             |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 3          |            | 08:01:00 | 0.033  | 93                                                                | 93   | 0      | 93   | 0.00  | 0       |                                  | 0.000                          | 0.000          | 0.000 |                | 0.000          | 0.000                             |       |    |  |
| 4          | 2004/11/05 | 08:00:00 | 24.017 | Arrive on location. Attend safety meeting.                        |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 5          |            | 11:00:00 | 27.017 | Rig in test equipment.                                            |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 6          |            | 16:30:00 | 32.517 | 17593                                                             | 93   |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 7          |            | 16:45:00 | 32.767 | Pressure test flow line.                                          |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 8          |            | 17:00:00 | 33.017 |                                                                   |      |        | 93   | 0.00  | 0       |                                  | 0.000                          | 0.000          | 0.000 |                | 0.000          | 0.000                             |       |    |  |
| 9          |            | 17:00:00 | 33.017 | Open tubing at manifold on a 5.56 mm choke to bleed off gas head. |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 10         |            | 17:05:00 | 33.100 | 17113                                                             | 93   |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 11         |            | 17:09:00 | 33.167 | Increase choke to 7.14 mm. 18/64                                  |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 12         |            | 17:10:00 | 33.183 | 16433                                                             | 93   |        | 1265 | 25.13 | -25     | 63.50                            | 162.736                        | 1.130          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 13         |            | 17:15:00 | 33.267 | 15083                                                             | 93   |        | 1886 | 14.93 | -16     |                                  | 151.756                        | 1.676          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 14         |            | 17:20:00 | 33.350 | 14663                                                             | 93   |        | 1920 | 12.44 | -16     |                                  | 139.879                        | 2.182          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 15         |            | 17:30:00 | 33.517 | 13443                                                             | 93   | 25     | 1955 | 12.94 | -12     | 63.50                            | 142.612                        | 3.163          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 16         |            | 17:31:00 | 33.533 | Increase choke to 7.94 mm. 20/64                                  |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 17         |            | 17:45:00 | 33.767 | 12313                                                             | 143  | 25     | 1955 | 12.44 | -8      |                                  | 138.482                        | 4.627          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 18         |            | 18:00:00 | 34.017 | 10343                                                             | 193  | 26     | 1955 | 11.94 | -3      | 63.50                            | 134.087                        | 6.047          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 19         |            | 18:05:00 | 34.100 | Increase choke to 8.73 mm. 22/64                                  |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 20         |            | 18:10:00 | 34.183 | Increase choke to 9.53 mm. 24/64                                  |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 21         |            | 18:15:00 | 34.267 | 7803                                                              | 193  | 32     | 1955 | 11.45 | 5       | 63.50                            | 128.903                        | 7.417          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 22         |            | 18:20:00 | 34.350 | Increase choke to 10.32 mm. 26/64                                 |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 23         |            | 18:25:00 | 34.433 | Increase choke 11.91 mm. 30/64                                    |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 24         |            | 18:30:00 | 34.517 | 5223                                                              | 193  | 36     | 1955 | 9.95  | 12      | 63.50                            | 118.383                        | 8.705          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 25         |            | 18:32:00 | 34.550 | Increase choke to 13.49 mm. 34/64                                 |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 26         |            | 18:35:00 | 34.600 | Increase choke to 15.08 mm. 38/64                                 |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 27         |            | 18:37:00 | 34.633 | 2093                                                              |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 28         |            | 18:37:00 | 34.633 | Release separator back pressure.                                  |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 29         |            | 18:40:00 | 34.683 | Increase choke to 38.10 mm. Gut line.                             |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 30         |            | 18:45:00 | 34.767 | 443                                                               | 193  | 36     | 127  | 9.95  | 5       | 63.50                            | 30.168                         | 9.478          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |
| 31         |            | 18:50:00 | 34.850 | Shut in at wing valve. Tubing tstrn.                              |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |
| 32         |            | 18:50:00 | 34.850 |                                                                   |      |        | 93   | 0.00  | 0       |                                  | 0.000                          | 9.478          | 0.000 |                | 0.000          | 0.000                             |       |    |  |
| 33         |            | 19:00:00 | 35.017 | Secure wellhead for the night.                                    |      |        |      |       |         |                                  |                                |                |       |                |                |                                   |       |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD

## REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                                                                | Stat | Diff   |      | Gas  | Cum.    | Fld                              | Inc                            | Cum            |       |                |                |                                   |       |    |  |  |
|------------|------------|----------|---------|------------------------------------------------------------------------------------|------|--------|------|------|---------|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-------|----|--|--|
| Date       | Time       | Time     | Pres    | Pres                                                                               | WHT  | Pres   | Pres | MRT  | Orifice | Rate                             | Gas                            | Vol            | BSW   | Wat            | Wat            | WGR                               | Sal   | pH |  |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                                                             | °C   | kPa(a) | kPa  | °C   | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm   |    |  |  |
| 34         | 2004/11/05 | 19:00:00 | 35.017  | Total gas produced last 2 hrs. = 9.51 10 <sup>3</sup> m <sup>3</sup> .             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 35         |            | 19:00:00 | 35.017  | Cum gas produced to date = 9.51 10 <sup>3</sup> m <sup>3</sup> .                   |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 36         |            | 19:00:00 | 35.017  | Water produced = 0.00 m <sup>3</sup> .                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 37         |            | 19:01:00 | 35.033  |                                                                                    |      | 93     | 0.00 | 0    |         | 0.000                            | 9.478                          | 0.000          |       | 0.000          | 0.000          |                                   |       |    |  |  |
| 38         | 2004/11/07 | 06:45:00 | 70.767  | Arrive on location.                                                                |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 39         |            | 07:00:00 | 71.017  | Attend safety meeting.                                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 40         |            | 07:35:00 | 71.600  | 3823                                                                               | 93   |        | 93   | 0.00 | 0       |                                  | 0.000                          | 9.478          | 0.000 |                | 0.000          | 0.000                             |       |    |  |  |
| 41         |            | 07:35:00 | 71.600  | Open tubing at manifold on a 5.56 mm choke to bleed off gas head.                  |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 42         |            | 07:40:00 | 71.683  | Increase choke to 7.94 mm. 18/64                                                   |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 43         |            | 07:45:00 | 71.767  | 3123                                                                               | 93   |        | 714  | 1.99 | -10     | 63.50                            | 32.764                         | 9.706          | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |  |
| 44         |            | 07:48:00 | 71.817  | Increase choke to 10.32 mm. 26/64                                                  |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 45         |            | 07:51:00 | 71.867  | Increase choke to 11.91 mm. 30/64                                                  |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 46         |            | 08:00:00 | 72.017  | 1333                                                                               | 93   |        | 714  | 1.74 | -8      | 63.50                            | 30.522                         | 10.035         | 0.000 |                | 0.000          | 0.000                             | 0.000 |    |  |  |
| 47         |            | 08:10:00 | 72.183  | Tubing tstm. Allow tubing to vent.                                                 |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 48         |            | 08:30:00 | 72.517  | Shut wing valve. Rig crew prepare to pump 50. m <sup>3</sup> of water down tubing. |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 49         |            | 08:30:00 | 72.517  |                                                                                    |      | 93     | 0.00 | 0    |         | 0.000                            | 10.035                         | 0.000          |       | 0.000          | 0.000          |                                   |       |    |  |  |
| 50         |            | 10:30:00 | 74.517  | Remove top master.                                                                 |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 51         |            | 12:00:00 | 76.017  | Install back pressure valve in tubing.                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 52         |            | 13:00:00 | 77.017  | BOP's on.                                                                          |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 53         |            | 14:00:00 | 78.017  | Rig up rig floor.                                                                  |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 54         |            | 16:00:00 | 80.017  | Start presure test B.O.P.s                                                         |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 55         |            | 18:00:00 | 82.017  | Pull back presure valve                                                            |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 56         |            | 18:30:00 | 82.517  | Secure wellhead for night                                                          |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 57         |            | 18:30:00 | 82.517  | Total gas produced today = 0.56 10 <sup>3</sup> m <sup>3</sup> .                   |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 58         |            | 18:30:00 | 82.517  | Cum gas produced to date = 10.07 10 <sup>3</sup> m <sup>3</sup> .                  |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 59         |            | 18:30:00 | 82.517  | Water produced to date = 0.00 m <sup>3</sup> .                                     |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 60         |            | 18:31:00 | 82.533  |                                                                                    |      | 93     | 0.00 | 0    |         | 0.000                            | 10.035                         | 0.000          |       | 0.000          | 0.000          |                                   |       |    |  |  |
| 61         | 2004/11/08 | 06:45:00 | 94.767  | Arrive on location.                                                                |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 62         |            | 07:00:00 | 95.017  | Attend safety meeting.                                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 63         |            | 07:30:00 | 95.517  | Tubing tstm. Bleed off.                                                            |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 64         |            | 12:30:00 | 100.517 | Attend safety meeting.                                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 65         |            | 14:00:00 | 102.017 | Start running 4.5" tubing string in hole.                                          |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |
| 66         |            | 18:30:00 | 106.517 | Shut down for the day.                                                             |      |        |      |      |         |                                  |                                |                |       |                |                |                                   |       |    |  |  |



PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                                               | Stat | Diff   |      | Gas | Cum.    | Fld                              | Inc                            | Cum            |     |                |                |                                   |     |    |  |
|------------|------------|----------|---------|-------------------------------------------------------------------|------|--------|------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|-----|----|--|
| Date       | Time       | Time     | Pres    | Pres                                                              | WHT  | Pres   | Pres | MRT | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                                            | °C   | kPa(a) | kPa  | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |  |
| 67         | 2004/11/08 | 18:31:00 | 106.533 |                                                                   |      | 93     | 0.00 | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 0.000          |                                   |     |    |  |
| 68         | 2004/11/09 | 06:30:00 | 118.517 | Arrive on location.                                               |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 69         |            | 07:00:00 | 119.017 | Safety meeting.                                                   |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 70         |            | 07:30:00 | 119.517 | Tubing tstm. Bleed off.                                           |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 71         |            | 08:00:00 | 120.017 | Continue running in hole with 4.5" tubing.                        |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 72         |            | 14:45:00 | 126.767 | Six joints from bottom, tubing hit obstruction.                   |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 73         |            | 15:10:00 | 127.183 | Reverse circulate to rig tank to agitate obstruction.             |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 74         |            | 16:00:00 | 128.017 | Shut down pump.                                                   |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 75         |            | 16:40:00 | 128.683 | Reverse circulate last 6 joints in hole to rig tank.              |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 76         |            | 17:15:00 | 129.267 | Returns clean. Shut down pump. Make connection.                   |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 77         |            | 17:30:00 | 129.517 | Connection made. Continue to reverse circulate joint in hole.     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 78         |            | 18:01:00 | 130.033 | Shut down pump. Make connection.                                  |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 79         |            | 18:15:00 | 130.267 | Connection made. Continue to reverse circulate joint in hole.     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 80         |            | 18:30:00 | 130.517 | Continue circulating until returns are clean.                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 81         |            | 20:00:00 | 132.017 | Shut down pump. Shut down for the day.                            |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 82         |            | 20:01:00 | 132.033 |                                                                   |      | 93     | 0.00 | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 0.000          |                                   |     |    |  |
| 83         | 2004/11/10 | 06:30:00 | 142.517 | Arrive on location.                                               |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 84         |            | 06:45:00 | 142.767 | Attend safety meeting.                                            |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 85         |            | 07:00:00 | 143.017 | Tubing on vac.                                                    |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 86         |            | 07:25:00 | 143.433 | Pick up single and circulate down tubing to break circulation.    |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 87         |            | 07:35:00 | 143.600 | Start reverse circulating joint in hole. Returns to rig tank.     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 88         |            | 09:15:00 | 145.267 | Shut down pump. Make connection.                                  |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 89         |            | 09:25:00 | 145.433 | Continue to reverse circulate joint in hole.                      |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 90         |            | 11:00:00 | 147.017 | Getting lots of solids back. Switch solid returns to shaker tank. |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 91         |            | 12:10:00 | 148.183 | Shut down pump. Make connection.                                  |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 92         |            | 12:20:00 | 148.350 | Pump on. Continue to reverse circulate joint in hole.             |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 93         |            | 12:57:00 | 148.967 | Surface line plugging off. Shut down pump. Shut in line.          |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 94         |            | 13:05:00 | 149.100 | Pump on to forward circulate to rig tank.                         |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 95         |            | 13:30:00 | 149.517 | Pump off. Make connection.                                        |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 96         |            | 13:50:00 | 149.850 | Pick up single joint with landing sub on.                         |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 97         |            | 14:40:00 | 150.683 | Land dognut.                                                      |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 98         |            | 14:45:00 | 150.767 | Dognut landed. Remove BOP.                                        |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 99         |            | 16:00:00 | 152.017 | Install wellhead.                                                 |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock Time | Cum Time | Tbg Pres                                   | Csg Pres | WHT | Stat Pres | Diff Pres | MRT | Orifice | Gas Rate                         | Cum. Gas                       | Fld Vol        | BSW | Inc Wat        | Cum Wat        | WGR                               | Sal | pH |
|-----|------------|------------|----------|--------------------------------------------|----------|-----|-----------|-----------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|-----|----|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)                                     | kPa(a)   | °C  | kPa(a)    | kPa       | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |
| 100 | 2004/11/10 | 17:00:00   | 153.017  | Wellhead on. Tighten flanges.              |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 101 |            | 18:00:00   | 154.017  | Shut down for the day.                     |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 102 |            | 18:01:00   | 154.033  |                                            |          |     | 93        | 0.00      | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 0.000          |                                   |     |    |
| 103 | 2004/11/11 | 06:30:00   | 166.517  | Arrive on location.                        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 104 |            | 06:45:00   | 166.767  | Attend safety meeting.                     |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 105 |            | 07:30:00   | 167.517  | 3443                                       | 2893     |     | 93        | 0.00      | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 0.000          |                                   |     |    |
| 106 |            | 07:55:00   | 167.933  | Open tubing on a 38.10 mm choke. Gut line. |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 107 |            | 08:00:00   | 168.017  | 93                                         | 2793     |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 108 |            | 08:05:00   | 168.100  | Rig up to swab to rig tank.                |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 109 |            | 08:05:00   | 168.100  | NOTE: LOAD FLUID = 90.0 m <sup>3</sup> .   |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 110 |            | 08:06:00   | 168.117  |                                            |          |     | 93        | 0.00      | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 0.000          |                                   |     |    |
| 111 |            | 09:35:00   | 169.600  | Swab # 1 Tag = 165 m. Pull = 327 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 112 |            | 09:35:00   | 169.600  |                                            | 2793     |     |           |           |     |         |                                  |                                | 0.300          | 100 | 0.300          | 0.300          |                                   |     |    |
| 113 |            | 09:50:00   | 169.850  | Swab # 2 Tag = 165 m. Pull = 400 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 114 |            | 09:50:00   | 169.850  |                                            | 2793     |     |           |           |     |         |                                  |                                | 1.000          | 100 | 1.000          | 1.300          |                                   |     |    |
| 115 |            | 10:02:00   | 170.050  | Swab # 3 Tag = 165 m. Pull = 380 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 116 |            | 10:02:00   | 170.050  |                                            | 2943     |     |           |           |     |         |                                  |                                | 0.500          | 100 | 0.500          | 1.800          |                                   |     |    |
| 117 |            | 10:25:00   | 170.433  | Swab # 4 Tag = 165 m. Pull = 432 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 118 |            | 10:25:00   | 170.433  |                                            | 2943     |     |           |           |     |         |                                  |                                | 2.700          | 100 | 2.700          | 4.500          |                                   |     |    |
| 119 |            | 10:38:00   | 170.650  | Swab # 5 Tag = 327 m. Pull = 588 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 120 |            | 10:38:00   | 170.650  |                                            | 3093     |     |           |           |     |         |                                  |                                | 3.100          | 100 | 3.100          | 7.600          |                                   |     |    |
| 121 |            | 10:50:00   | 170.850  | Swab # 6 Tag = 273 m. Pull = 484 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 122 |            | 10:50:00   | 170.850  |                                            | 3118     |     |           |           |     |         |                                  |                                | 1.500          | 100 | 1.500          | 9.100          |                                   |     |    |
| 123 |            | 11:05:00   | 171.100  | Swab # 7 Tag = 273 m. Pull = 484 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 124 |            | 11:05:00   | 171.100  |                                            | 3118     |     |           |           |     |         |                                  |                                | 1.000          | 100 | 1.000          | 10.100         |                                   |     |    |
| 125 |            | 11:20:00   | 171.350  | Swab # 8 Tag = 273 m. Pull = 484 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 126 |            | 11:20:00   | 171.350  |                                            | 3143     |     |           |           |     |         |                                  |                                | 1.350          | 100 | 1.350          | 11.450         |                                   |     |    |
| 127 |            | 11:27:00   | 171.467  | Swab # 9 Tag = 165 m. Pull = 380 m.        |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 128 |            | 11:27:00   | 171.467  |                                            | 3168     |     |           |           |     |         |                                  |                                | 1.000          | 100 | 1.000          | 12.450         |                                   |     |    |
| 129 |            | 11:38:00   | 171.650  | Swab # 10 Tag = 219 m. Pull = 432 m.       |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 130 |            | 11:38:00   | 171.650  |                                            | 3193     |     |           |           |     |         |                                  |                                | 1.000          | 100 | 1.000          | 13.450         |                                   |     |    |
| 131 |            | 11:50:00   | 171.850  | Swab # 11 Tag = 273 m. Pull = 484 m.       |          |     |           |           |     |         |                                  |                                |                |     |                |                |                                   |     |    |
| 132 |            | 11:50:00   | 171.850  |                                            | 3243     |     |           |           |     |         |                                  |                                | 1.000          | 100 | 1.000          | 14.450         |                                   |     |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                  | Stat   | Diff |      | Gas | Cum.                             | Fld                            | Inc            | Cum   |                |                |                                   |     |     |    |
|---------------------|------------|----------|---------|--------------------------------------|--------|------|------|-----|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-----|-----|----|
| Date                | Time       | Time     | Pres    | Pres                                 | WHT    | Pres | Pres | MRT | Orifice                          | Rate                           | Gas            | Vol   | BSW            | Wat            | Wat                               | WGR | Sal | pH |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                   | kPa(a) | kPa  | °C   | mm  | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |     |    |
| 133                 | 2004/11/11 | 12:03:00 | 172.067 | Swab # 12 Tag = 273 m. Pull = 484 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 134                 |            | 12:03:00 | 172.067 |                                      | 3268   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 15.450                            |     |     |    |
| 135                 |            | 12:15:00 | 172.267 | Swab # 13 Tag = 273 m. Pull = 484 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 136                 |            | 12:15:00 | 172.267 |                                      | 3293   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 16.450                            |     |     |    |
| 137                 |            | 12:25:00 | 172.433 | Swab # 14 Tag = 327 m. Pull = 536 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 138                 |            | 12:25:00 | 172.433 |                                      | 3318   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 17.450                            |     |     |    |
| 139                 |            | 12:37:00 | 172.633 | Swab # 15 Tag = 380 m. Pull = 588 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 140                 |            | 12:37:00 | 172.633 |                                      | 3343   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 18.450                            |     |     |    |
| 141                 |            | 12:45:00 | 172.767 | Swab # 16 Tag = 380 m. Pull = 588 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 142                 |            | 12:45:00 | 172.767 |                                      | 3343   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 19.450                            |     |     |    |
| 143                 |            | 13:00:00 | 173.017 | Swab # 17 Tag = 380 m. Pull = 588 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 144                 |            | 13:00:00 | 173.017 |                                      | 3418   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 20.450                            |     |     |    |
| 145                 |            | 13:10:00 | 173.183 | Change swab cups. 7 new cups.        |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 146                 |            | 13:30:00 | 173.517 | Swab # 18 Tag = 432 m. Pull = 639 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 147                 |            | 13:30:00 | 173.517 |                                      | 3493   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 21.750                            |     |     |    |
| 148                 |            | 13:45:00 | 173.767 | Swab # 19 Tag = 432 m. Pull = 639 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 149                 |            | 13:45:00 | 173.767 |                                      | 3493   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 23.050                            |     |     |    |
| 150                 |            | 14:00:00 | 174.017 | Swab # 20 Tag = 432 m. Pull = 639 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 151                 |            | 14:00:00 | 174.017 |                                      | 3518   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 24.050                            |     |     |    |
| 152                 |            | 14:15:00 | 174.267 | Swab # 21 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 153                 |            | 14:15:00 | 174.267 |                                      | 3543   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 25.350                            |     |     |    |
| 154                 |            | 14:30:00 | 174.517 | Swab # 22 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 155                 |            | 14:30:00 | 174.517 |                                      | 3543   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 26.650                            |     |     |    |
| 156                 |            | 14:42:00 | 174.717 | Swab # 23 Tag = 536 m. Pull = 743 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 157                 |            | 14:42:00 | 174.717 |                                      | 3568   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 27.950                            |     |     |    |
| 158                 |            | 14:55:00 | 174.933 | Swab # 24 Tag = 536 m. Pull = 743 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 159                 |            | 14:55:00 | 174.933 |                                      | 3643   |      |      |     |                                  |                                |                | 1.300 | 100            | 1.300          | 29.250                            |     |     |    |
| 160                 |            | 15:20:00 | 175.350 | Swab # 25 Tag = 536 m. Pull = 743 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 161                 |            | 15:20:00 | 175.350 |                                      | 3693   |      |      |     |                                  |                                |                | 1.000 | 100            | 1.000          | 30.250                            |     |     |    |
| 162                 |            | 15:30:00 | 175.517 | Swab # 26 Tag = 536 m. Pull = 743 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 163                 |            | 15:30:00 | 175.517 |                                      | 3693   |      |      |     |                                  |                                |                | 0.640 | 100            | 0.640          | 30.890                            |     |     |    |
| 164                 |            | 15:40:00 | 175.683 | Swab # 27 Tag = 484 m. Pull = 743 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |
| 165                 |            | 15:40:00 | 175.683 |                                      | 3693   |      |      |     |                                  |                                |                | 0.640 | 100            | 0.640          | 31.530                            |     |     |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                                                      | Stat | Diff   |      | Gas | Cum.    | Fld                              | Inc                            | Cum            |     |                |                |                                   |     |    |  |
|------------|------------|----------|---------|--------------------------------------------------------------------------|------|--------|------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|-----|----|--|
| Date       | Time       | Time     | Pres    | Pres                                                                     | WHT  | Pres   | Pres | MRT | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                                                   | °C   | kPa(a) | kPa  | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |  |
| 166        | 2004/11/11 | 15:45:00 | 175.767 | Change swab cups. 8 new cups.                                            |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 167        |            | 16:10:00 | 176.183 | Swab # 28 Tag = 484 m. Pull = 691 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 168        |            | 16:10:00 | 176.183 |                                                                          | 3743 |        |      |     |         |                                  |                                | 2.810          | 100 | 2.810          | 34.340         |                                   |     |    |  |
| 169        |            | 16:40:00 | 176.683 | Swab # 29 Tag = 484 m. Pull = 691 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 170        |            | 16:40:00 | 176.683 |                                                                          | 3793 |        |      |     |         |                                  |                                | 1.650          | 100 | 1.650          | 35.990         |                                   |     |    |  |
| 171        |            | 16:45:00 | 176.767 | Rig up gas lift system. Take gas from 2K-29 flowline to energize casing. |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 172        |            | 17:00:00 | 177.017 | Pull swab.                                                               |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 173        |            | 17:20:00 | 177.350 | Swab # 30 Tag = 273 m. Pull = 484 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 174        |            | 17:20:00 | 177.350 |                                                                          | 9543 |        |      |     |         |                                  |                                | 1.900          | 100 | 1.900          | 37.890         |                                   |     |    |  |
| 175        |            | 17:30:00 | 177.517 | Swab # 31 Tag = 273 m. Pull = 484 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 176        |            | 17:30:00 | 177.517 |                                                                          | 9593 |        |      |     |         |                                  |                                | 1.000          | 100 | 1.000          | 38.890         |                                   |     |    |  |
| 177        |            | 17:45:00 | 177.767 | Swab # 32 Tag = 380 m. Pull = 588 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 178        |            | 17:45:00 | 177.767 |                                                                          | 9693 |        |      |     |         |                                  |                                | 1.300          | 100 | 1.300          | 40.190         |                                   |     |    |  |
| 179        |            | 18:00:00 | 178.017 | Swab # 33 Tag = 432 m. Pull = 639 m.                                     |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 180        |            | 18:00:00 | 178.017 |                                                                          | 9683 |        |      |     |         |                                  |                                | 1.000          | 100 | 1.000          | 41.190         |                                   |     |    |  |
| 181        |            | 18:00:00 | 178.017 | End swabbing for the day. Monitor wellhead pressures overnight.          |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 182        |            | 18:00:00 | 178.017 | Gas produced today = 0.00 10 <sup>3</sup> m <sup>3</sup> .               |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 183        |            | 18:00:00 | 178.017 | Cum. gas produced to date = 10.07 10 <sup>3</sup> m <sup>3</sup> .       |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 184        |            | 18:00:00 | 178.017 | Load fluid = 90.00 m <sup>3</sup> .                                      |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 185        |            | 18:00:00 | 178.017 | Load fluid recovered today = 41.19 m <sup>3</sup> .                      |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 186        |            | 18:00:00 | 178.017 | 33 swabs pulled.                                                         |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 187        |            | 18:00:00 | 178.017 | Load fluid left to recover = 48.81 m <sup>3</sup> .                      |      |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 188        |            | 19:00:00 | 179.017 | 493                                                                      | 9593 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 189        |            | 19:30:00 | 179.517 | 673                                                                      | 9543 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 190        |            | 20:00:00 | 180.017 | 863                                                                      | 9643 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 191        |            | 20:30:00 | 180.517 | 1083                                                                     | 9693 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 192        |            | 21:00:00 | 181.017 | 1213                                                                     | 9743 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 193        |            | 21:30:00 | 181.517 | 1253                                                                     | 9693 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 194        |            | 22:00:00 | 182.017 | 1273                                                                     | 9743 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 195        |            | 22:30:00 | 182.517 | 1353                                                                     | 9793 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 196        |            | 23:00:00 | 183.017 | 1553                                                                     | 9843 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 197        |            | 23:30:00 | 183.517 | 1813                                                                     | 9843 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 198        | 2004/11/12 | 00:00:00 | 184.017 | 2113                                                                     | 9918 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                             | Stat  | Diff   |      | Gas  | Cum.    | Fld                              | Inc                            | Cum            |     |                |                |                                   |     |    |  |
|------------|------------|----------|---------|-------------------------------------------------|-------|--------|------|------|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|-----|----|--|
| Date       | Time       | Time     | Pres    | Pres                                            | WHT   | Pres   | Pres | MRT  | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                          | °C    | kPa(a) | kPa  | °C   | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |  |
| 199        | 2004/11/12 | 00:30:00 | 184.517 | 2183                                            | 9943  |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 200        |            | 01:00:00 | 185.017 | 2263                                            | 9943  |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 201        |            | 01:30:00 | 185.517 | 2343                                            | 9993  |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 202        |            | 02:00:00 | 186.017 | 2383                                            | 10018 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 203        |            | 02:30:00 | 186.517 | 2453                                            | 10018 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 204        |            | 03:00:00 | 187.017 | 2523                                            | 10068 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 205        |            | 03:30:00 | 187.517 | 2643                                            | 10068 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 206        |            | 04:00:00 | 188.017 | 2673                                            | 10068 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 207        |            | 04:30:00 | 188.517 | 2753                                            | 10068 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 208        |            | 05:00:00 | 189.017 | 2783                                            | 10093 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 209        |            | 05:30:00 | 189.517 | 2803                                            | 10093 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 210        |            | 06:00:00 | 190.017 | 2843                                            | 10093 |        | 93   | 0.00 | 0       | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 41.190         |                                   |     |    |  |
| 211        |            | 06:00:00 | 190.017 | Pressure test flow line.                        |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 212        |            | 06:05:00 | 190.100 | Open well at manifold on gutline 38.1 mm choke. |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 213        |            | 06:10:00 | 190.183 | 113                                             | 10093 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 214        |            | 06:15:00 | 190.267 | 103                                             | 10093 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 215        |            | 06:20:00 | 190.350 | 103                                             | 10143 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 216        |            | 06:30:00 | 190.517 | 103                                             | 10143 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 217        |            | 06:45:00 | 190.767 | 103                                             | 10193 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 218        |            | 07:00:00 | 191.017 | 93                                              | 10293 |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 219        |            | 07:30:00 | 191.517 | Swab to separator.                              |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 220        |            | 07:49:00 | 191.833 |                                                 |       | 93     | 0.00 | 0    |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 41.190         |                                   |     |    |  |
| 221        |            | 07:50:00 | 191.850 | Swab # 1 Tag = 484 m. Pull = 691 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 222        |            | 07:50:00 | 191.850 | 10318                                           |       |        |      |      |         |                                  |                                | 0.980          | 100 | 0.980          | 42.170         |                                   |     |    |  |
| 223        |            | 08:10:00 | 192.183 | Swab # 2 Tag = 484 m. Pull = 588 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 224        |            | 08:10:00 | 192.183 | 10343                                           |       |        |      |      |         |                                  |                                | 0.420          | 100 | 0.420          | 42.590         |                                   |     |    |  |
| 225        |            | 08:20:00 | 192.350 | Swab # 3 Tag = 484 m. Pull = 639 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 226        |            | 08:20:00 | 192.350 | 10393                                           |       |        |      |      |         |                                  |                                | 0.440          | 100 | 0.440          | 43.030         |                                   |     |    |  |
| 227        |            | 08:30:00 | 192.517 | Swab # 4 Tag = 432 m. Pull = 588 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 228        |            | 08:30:00 | 192.517 | 10393                                           |       |        |      |      |         |                                  |                                | 0.410          | 100 | 0.410          | 43.440         |                                   |     |    |  |
| 229        |            | 08:42:00 | 192.717 | Swab # 5 Tag = 484 m. Pull = 639 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 230        |            | 08:42:00 | 192.717 | 10393                                           |       |        |      |      |         |                                  |                                | 0.560          | 100 | 0.560          | 44.000         |                                   |     |    |  |
| 231        |            | 08:50:00 | 192.850 | Swab # 6 Tag = 484 m. Pull = 639 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |     |    |  |

*Disc*

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                  | Stat  | Diff   |      | Gas | Cum.    | Fld                              | Inc                            | Cum            |     |                |                |                                   |        |    |  |
|------------|------------|----------|---------|--------------------------------------|-------|--------|------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|--------|----|--|
| Date       | Time       | Time     | Pres    | Pres                                 | WHT   | Pres   | Pres | MRT | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal    | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                               | °C    | kPa(a) | kPa  | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |    |  |
| 232        | 2004/11/12 | 08:50:00 | 192.850 |                                      | 10393 |        |      |     |         |                                  |                                | 0.330          | 100 | 0.330          | 44.330         |                                   |        |    |  |
| 233        |            | 09:15:00 | 193.267 | Swab # 7 Tag = 432 m. Pull = 588 m.  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 234        |            | 09:15:00 | 193.267 |                                      | 10393 |        |      |     |         |                                  |                                | 0.330          | 100 | 0.330          | 44.660         |                                   |        |    |  |
| 235        |            | 09:30:00 | 193.517 | Swab # 8 Tag = 432 m. Pull = 588 m.  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 236        |            | 09:30:00 | 193.517 |                                      | 10393 |        |      |     |         |                                  |                                | 0.280          | 100 | 0.280          | 44.940         |                                   |        |    |  |
| 237        |            | 09:40:00 | 193.683 | Swab # 9 Tag = 484 m. Pull = 639 m.  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 238        |            | 09:40:00 | 193.683 |                                      | 10418 |        |      |     |         |                                  |                                | 0.540          | 100 | 0.540          | 45.480         |                                   |        |    |  |
| 239        |            | 09:50:00 | 193.850 | Swab # 10 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 240        |            | 09:50:00 | 193.850 |                                      | 10443 |        |      |     |         |                                  |                                | 0.300          | 100 | 0.300          | 45.780         |                                   |        |    |  |
| 241        |            | 10:00:00 | 194.017 | Swab # 11 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 242        |            | 10:00:00 | 194.017 |                                      | 10443 |        |      |     |         |                                  |                                | 0.240          | 100 | 0.240          | 46.020         |                                   |        |    |  |
| 243        |            | 10:10:00 | 194.183 | Swab # 12 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 244        |            | 10:10:00 | 194.183 |                                      | 10493 |        |      |     |         |                                  |                                | 0.150          | 100 | 0.150          | 46.170         |                                   |        |    |  |
| 245        |            | 10:15:00 | 194.267 | Change cups. 4 new cups.             |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 246        |            | 10:30:00 | 194.517 | Swab # 13 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 247        |            | 10:30:00 | 194.517 |                                      | 10493 |        |      |     |         |                                  |                                | 0.620          | 100 | 0.620          | 46.790         |                                   | 100000 | 8  |  |
| 248        |            | 10:50:00 | 194.850 | Swab # 14 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 249        |            | 10:50:00 | 194.850 |                                      | 10493 |        |      |     |         |                                  |                                | 0.500          | 100 | 0.500          | 47.290         |                                   |        |    |  |
| 250        |            | 11:00:00 | 195.017 | Swab # 15 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 251        |            | 11:00:00 | 195.017 |                                      | 10518 |        |      |     |         |                                  |                                | 0.490          | 100 | 0.490          | 47.780         |                                   |        |    |  |
| 252        |            | 11:10:00 | 195.183 | Swab # 16 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 253        |            | 11:10:00 | 195.183 |                                      | 10543 |        |      |     |         |                                  |                                | 0.810          | 100 | 0.810          | 48.590         |                                   |        |    |  |
| 254        |            | 11:25:00 | 195.433 | Swab # 17 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 255        |            | 11:25:00 | 195.433 |                                      | 10593 |        |      |     |         |                                  |                                | 0.400          | 100 | 0.400          | 48.990         |                                   |        |    |  |
| 256        |            | 11:30:00 | 195.517 | Swab # 18 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 257        |            | 11:30:00 | 195.517 |                                      | 10593 |        |      |     |         |                                  |                                | 0.760          | 100 | 0.760          | 49.750         |                                   |        |    |  |
| 258        |            | 11:50:00 | 195.850 | Swab # 19 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 259        |            | 11:50:00 | 195.850 |                                      | 10593 |        |      |     |         |                                  |                                | 0.600          | 100 | 0.600          | 50.350         |                                   | 120000 | 8  |  |
| 260        |            | 12:00:00 | 196.017 | Stop swabbing to drain separator.    |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 261        |            | 12:30:00 | 196.517 | 493                                  | 10593 |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 262        |            | 12:40:00 | 196.683 | Swab # 20 Tag = 327 m. Pull = 536 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 263        |            | 12:40:00 | 196.683 |                                      | 10593 |        |      |     |         |                                  |                                | 0.510          | 100 | 0.510          | 50.860         |                                   |        |    |  |
| 264        |            | 12:50:00 | 196.850 | Swab # 21 Tag = 327 m. Pull = 536 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                  | Stat  | Diff   |      |     |         | Gas                              | Cum.                           | Fld            |     | Inc            | Cum            |                                   |        |    |  |
|---------------------|------------|----------|---------|--------------------------------------|-------|--------|------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|--------|----|--|
| Date                | Time       | Time     | Pres    | Pres                                 | WHT   | Pres   | Pres | MRT | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal    | pH |  |
| yyyy/mm/dd hh:mm:ss |            | hr       | kPa(a)  | kPa(a)                               | °C    | kPa(a) | kPa  | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |    |  |
| 265                 | 2004/11/12 | 12:50:00 | 196.850 |                                      | 10643 |        |      |     |         |                                  |                                | 1.260          | 100 | 1.260          | 52.120         |                                   |        |    |  |
| 266                 |            | 13:05:00 | 197.100 | Swab # 22 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 267                 |            | 13:05:00 | 197.100 |                                      | 10693 |        |      |     |         |                                  |                                | 0.660          | 100 | 0.660          | 52.780         |                                   |        |    |  |
| 268                 |            | 13:15:00 | 197.267 | Swab # 23 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 269                 |            | 13:15:00 | 197.267 |                                      | 10693 |        |      |     |         |                                  |                                | 0.670          | 100 | 0.670          | 53.450         |                                   |        |    |  |
| 270                 |            | 13:25:00 | 197.433 | Swab # 24 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 271                 |            | 13:25:00 | 197.433 |                                      | 10693 |        |      |     |         |                                  |                                | 0.530          | 100 | 0.530          | 53.980         |                                   |        |    |  |
| 272                 |            | 13:40:00 | 197.683 | Swab # 25 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 273                 |            | 13:40:00 | 197.683 |                                      | 10693 |        |      |     |         |                                  |                                | 0.830          | 100 | 0.830          | 54.810         |                                   |        |    |  |
| 274                 |            | 13:50:00 | 197.850 | Swab # 26 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 275                 |            | 13:50:00 | 197.850 |                                      | 10693 |        |      |     |         |                                  |                                | 0.660          | 100 | 0.660          | 55.470         |                                   |        |    |  |
| 276                 |            | 14:00:00 | 198.017 | Swab # 27 Tag = 380 m. Pull = 588 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 277                 |            | 14:00:00 | 198.017 |                                      | 10693 |        |      |     |         |                                  |                                | 0.800          | 100 | 0.800          | 56.270         |                                   |        |    |  |
| 278                 |            | 14:05:00 | 198.100 | Stop swabbing to drain separator.    |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 279                 |            | 14:20:00 | 198.350 | 173                                  | 10743 |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 280                 |            | 14:30:00 | 198.517 | Swab # 28 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 281                 |            | 14:30:00 | 198.517 |                                      | 10743 |        |      |     |         |                                  |                                | 0.900          | 100 | 0.900          | 57.170         |                                   |        |    |  |
| 282                 |            | 14:45:00 | 198.767 | Swab # 29 Tag = 432 m. Pull = 639 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 283                 |            | 14:45:00 | 198.767 |                                      | 10793 |        |      |     |         |                                  |                                | 0.770          | 100 | 0.770          | 57.940         |                                   |        |    |  |
| 284                 |            | 15:00:00 | 199.017 | Swab # 30 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 285                 |            | 15:00:00 | 199.017 |                                      | 10843 |        |      |     |         |                                  |                                | 0.300          | 100 | 0.300          | 58.240         |                                   |        |    |  |
| 286                 |            | 15:10:00 | 199.183 | Change cups. 5 new cups.             |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 287                 |            | 15:25:00 | 199.433 | Swab # 31 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 288                 |            | 15:25:00 | 199.433 |                                      | 10893 |        |      |     |         |                                  |                                | 1.030          | 100 | 1.030          | 59.270         |                                   |        |    |  |
| 289                 |            | 15:45:00 | 199.767 | Swab # 32 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 290                 |            | 15:45:00 | 199.767 |                                      | 10893 |        |      |     |         |                                  |                                | 0.690          | 100 | 0.690          | 59.960         |                                   |        |    |  |
| 291                 |            | 16:00:00 | 200.017 | Swab # 33 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 292                 |            | 16:00:00 | 200.017 |                                      | 10943 |        |      |     |         |                                  |                                | 0.970          | 100 | 0.970          | 60.930         |                                   |        |    |  |
| 293                 |            | 16:15:00 | 200.267 | Swab # 34 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 294                 |            | 16:15:00 | 200.267 |                                      | 10943 |        |      |     |         |                                  |                                | 0.860          | 100 | 0.860          | 61.790         |                                   |        |    |  |
| 295                 |            | 16:30:00 | 200.517 | Swab # 35 Tag = 536 m. Pull = 743 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 296                 |            | 16:30:00 | 200.517 |                                      | 10993 |        |      |     |         |                                  |                                | 0.770          | 100 | 0.770          | 62.560         |                                   | 170000 | 8  |  |
| 297                 |            | 16:45:00 | 200.767 | Swab # 36 Tag = 484 m. Pull = 691 m. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |        |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                                                   | Stat  | Diff   |      |     |         | Gas                              | Cum.                           | Fld            |     | Inc            | Cum            |                                   |     |    |  |
|------------|------------|----------|---------|-----------------------------------------------------------------------|-------|--------|------|-----|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|-----|----|--|
| Date       | Time       | Time     | Pres    | Pres                                                                  | WHT   | Pres   | Pres | MRT | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                                                | °C    | kPa(a) | kPa  | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |  |
| 298        | 2004/11/12 | 16:45:00 | 200.767 |                                                                       | 11043 |        |      |     |         |                                  |                                | 0.820          | 100 | 0.820          | 63.380         |                                   |     |    |  |
| 299        |            | 16:50:00 | 200.850 | Stop swabbing to drain separator.                                     |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 300        |            | 17:05:00 | 201.100 | 193                                                                   | 10993 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 301        |            | 17:25:00 | 201.433 | Swab # 37 Tag = 484 m. Pull = 691 m.                                  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 302        |            | 17:25:00 | 201.433 |                                                                       | 10993 |        |      |     |         |                                  |                                | 0.890          | 100 | 0.890          | 64.270         |                                   |     |    |  |
| 303        |            | 17:35:00 | 201.600 | Swab # 38 Tag = 536 m. Pull = 743 m.                                  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 304        |            | 17:35:00 | 201.600 |                                                                       | 11083 |        |      |     |         |                                  |                                | 0.740          | 100 | 0.740          | 65.010         |                                   |     |    |  |
| 305        |            | 17:50:00 | 201.850 | Swab # 39 Tag = 536 m. Pull = 743 m.                                  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 306        |            | 17:50:00 | 201.850 |                                                                       | 11083 |        |      |     |         |                                  |                                | 0.500          | 100 | 0.500          | 65.510         |                                   |     |    |  |
| 307        |            | 17:50:00 | 201.850 | Shut down swabbing for the day. Monitor wellhead pressures overnight. |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 308        |            | 17:51:00 | 201.867 |                                                                       |       | 93     | 0.00 | 0   |         | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 65.510         |                                   |     |    |  |
| 309        |            | 17:51:00 | 201.867 | Total daily gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> .      |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 310        |            | 17:51:00 | 201.867 | Cum. gas produced to date = 10.07 10 <sup>3</sup> m <sup>3</sup> .    |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 311        |            | 17:51:00 | 201.867 | Load fluid = 90.00 m <sup>3</sup> .                                   |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 312        |            | 17:51:00 | 201.867 | Total load fluid recovered today = 24.32 m <sup>3</sup> .             |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 313        |            | 17:51:00 | 201.867 | Cum. load recovered to date = 65.51 m <sup>3</sup> .                  |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 314        |            | 17:51:00 | 201.867 | Load left to recover = 24.49 m <sup>3</sup> .                         |       |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 315        |            | 18:30:00 | 202.517 | 383                                                                   | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 316        |            | 19:00:00 | 203.017 | 603                                                                   | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 317        |            | 19:30:00 | 203.517 | 783                                                                   | 10993 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 318        |            | 20:00:00 | 204.017 | 793                                                                   | 10993 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 319        |            | 20:30:00 | 204.517 | 1073                                                                  | 10993 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 320        |            | 21:00:00 | 205.017 | 1223                                                                  | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 321        |            | 21:30:00 | 205.517 | 1343                                                                  | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 322        |            | 22:00:00 | 206.017 | 1373                                                                  | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 323        |            | 22:30:00 | 206.517 | 1563                                                                  | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 324        |            | 23:00:00 | 207.017 | 1643                                                                  | 11043 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 325        |            | 23:30:00 | 207.517 | 1773                                                                  | 11068 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 326        | 2004/11/13 | 00:00:00 | 208.017 | 1803                                                                  | 11068 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 327        |            | 00:30:00 | 208.517 | 1873                                                                  | 11068 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 328        |            | 01:00:00 | 209.017 | 1953                                                                  | 11193 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 329        |            | 01:30:00 | 209.517 | 2013                                                                  | 11243 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |
| 330        |            | 02:00:00 | 210.017 | 2063                                                                  | 11293 |        |      |     |         |                                  |                                |                |     |                |                |                                   |     |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                             | Stat  | Diff   |      | Gas  | Cum.    | Fld                              | Inc                            | Cum            |     |                |                |                                   |        |    |  |
|------------|------------|----------|---------|-------------------------------------------------|-------|--------|------|------|---------|----------------------------------|--------------------------------|----------------|-----|----------------|----------------|-----------------------------------|--------|----|--|
| Date       | Time       | Time     | Pres    | Pres                                            | WHT   | Pres   | Pres | MRT  | Orifice | Rate                             | Gas                            | Vol            | BSW | Wat            | Wat            | WGR                               | Sal    | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                          | °C    | kPa(a) | kPa  | °C   | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %   | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |    |  |
| 331        | 2004/11/13 | 02:30:00 | 210.517 | 2153                                            | 11318 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 332        |            | 03:00:00 | 211.017 | 2213                                            | 11368 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 333        |            | 03:30:00 | 211.517 | 2283                                            | 11368 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 334        |            | 04:00:00 | 212.017 | 2343                                            | 11393 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 335        |            | 04:30:00 | 212.517 | 2403                                            | 11418 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 336        |            | 05:00:00 | 213.017 | 2473                                            | 11443 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 337        |            | 05:30:00 | 213.517 | 2543                                            | 11493 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 338        |            | 06:00:00 | 214.017 | 2603                                            | 11493 |        | 93   | 0.00 | 0       | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 65.510         |                                   |        |    |  |
| 339        |            | 06:00:00 | 214.017 | Open tubing at manifold to bleed off.           |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 340        |            | 06:05:00 | 214.100 | 143                                             | 11493 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 341        |            | 06:10:00 | 214.183 | 103                                             | 11493 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 342        |            | 06:15:00 | 214.267 | 103                                             | 11493 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 343        |            | 06:30:00 | 214.517 | 93                                              | 11493 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 344        |            | 06:35:00 | 214.600 | Shut in well to transfer fluid to 400 bbl tank. |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 345        |            | 06:36:00 | 214.617 |                                                 |       |        | 93   | 0.00 | 0       | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 65.510         |                                   |        |    |  |
| 346        |            | 06:50:00 | 214.850 | Open well back up to flare.                     |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 347        |            | 06:50:00 | 214.850 | 213                                             | 11518 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 348        |            | 07:00:00 | 215.017 | 93                                              | 11518 |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 349        |            | 07:15:00 | 215.267 | Rig up to swab to separator.                    |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 350        |            | 07:34:00 | 215.583 |                                                 |       |        | 93   | 0.00 | 0       | 0.000                            | 10.035                         | 0.000          |     | 0.000          | 65.510         |                                   |        |    |  |
| 351        |            | 07:35:00 | 215.600 | Swab # 1 Tag = 588 m. Pull = 691 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 352        |            | 07:35:00 | 215.600 |                                                 | 11643 |        |      |      |         |                                  |                                | 0.620          | 100 | 0.620          | 66.130         |                                   | 160000 | 8  |  |
| 353        |            | 07:45:00 | 215.767 | Swab # 2 Tag = 588 m. Pull = 743 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 354        |            | 07:45:00 | 215.767 |                                                 | 11668 |        |      |      |         |                                  |                                | 0.590          | 100 | 0.590          | 66.720         |                                   |        |    |  |
| 355        |            | 08:10:00 | 216.183 | Swab # 3 Tag = 588 m. Pull = 743 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 356        |            | 08:10:00 | 216.183 |                                                 | 11693 |        |      |      |         |                                  |                                | 0.420          | 100 | 0.420          | 67.140         |                                   | 180000 | 7  |  |
| 357        |            | 08:10:00 | 216.183 | H <sub>2</sub> S by Rae system = 5000 ppm.      |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 358        |            | 08:15:00 | 216.267 | Change cups. 3 new cups.                        |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 359        |            | 08:30:00 | 216.517 | Swab # 4 Tag = 484 m. Pull = 691 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 360        |            | 08:30:00 | 216.517 |                                                 | 11693 |        |      |      |         |                                  |                                | 0.590          | 100 | 0.590          | 67.730         |                                   | 180000 | 7  |  |
| 361        |            | 08:45:00 | 216.767 | Swab # 5 Tag = 536 m. Pull = 743 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |
| 362        |            | 08:45:00 | 216.767 |                                                 | 11693 |        |      |      |         |                                  |                                | 0.880          | 100 | 0.880          | 68.610         |                                   | 174000 | 7  |  |
| 363        |            | 09:00:00 | 217.017 | Swab # 6 Tag = 536 m. Pull = 743 m.             |       |        |      |      |         |                                  |                                |                |     |                |                |                                   |        |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                            | Csg<br>Pres | Stat<br>WHT | Diff<br>Pres | MRT | Orifice | Gas<br>Rate | Cum.<br>Gas                    | Fld<br>Vol                     | BSW<br>%       | Inc<br>Wat | Cum<br>Wat     | WGR<br>m <sup>3</sup> /10 <sup>3</sup> m | Sal<br>ppm                        | pH  |
|-----|------------|---------------|-------------|----------------------------------------|-------------|-------------|--------------|-----|---------|-------------|--------------------------------|--------------------------------|----------------|------------|----------------|------------------------------------------|-----------------------------------|-----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                 | kPa(a)      | °C          | kPa(a)       | kPa | °C      | mm          | 10 <sup>3</sup> m <sup>3</sup> | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %          | m <sup>3</sup> | m <sup>3</sup>                           | m <sup>3</sup> /10 <sup>3</sup> m | ppm |
| 364 | 2004/11/13 | 09:00:00      | 217.017     |                                        | 11768       |             |              |     |         |             |                                | 0.540                          | 100            | 0.540      | 69.150         |                                          | 180000                            | 7   |
| 365 |            | 09:15:00      | 217.267     | Swab # 7 Tag = 536 m. Pull = 743 m.    |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 366 |            | 09:15:00      | 217.267     |                                        | 11793       |             |              |     |         |             |                                | 0.750                          | 100            | 0.750      | 69.900         |                                          | 176000                            | 7   |
| 367 |            | 09:30:00      | 217.517     | Swab # 8 Tag = 536 m. Pull = 743 m.    |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 368 |            | 09:30:00      | 217.517     |                                        | 11793       |             |              |     |         |             |                                | 0.440                          | 100            | 0.440      | 70.340         |                                          | 180000                            | 7   |
| 369 |            | 09:43:00      | 217.733     | Swab # 9 Tag = 536 m. Pull = 743 m.    |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 370 |            | 09:43:00      | 217.733     |                                        | 11793       |             |              |     |         |             |                                | 0.780                          | 100            | 0.780      | 71.120         |                                          | 176000                            | 7   |
| 371 |            | 09:50:00      | 217.850     | Change cups. 2 new cups.               |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 372 |            | 10:00:00      | 218.017     | Swab # 10 Tag = 536 m. Pull = 743 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 373 |            | 10:00:00      | 218.017     |                                        | 11693       |             |              |     |         |             |                                | 0.680                          | 100            | 0.680      | 71.800         |                                          |                                   |     |
| 374 |            | 10:17:00      | 218.300     | Swab # 11 Tag = 536 m. Pull = 743 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 375 |            | 10:17:00      | 218.300     |                                        | 11693       |             |              |     |         |             |                                | 0.550                          | 100            | 0.550      | 72.350         |                                          | 180000                            | 7   |
| 376 |            | 10:20:00      | 218.350     | Drain separator.                       |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 377 |            | 10:45:00      | 218.767     | 183                                    | 11793       |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 378 |            | 10:50:00      | 218.850     | Swab # 12 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 379 |            | 10:50:00      | 218.850     |                                        | 11793       |             |              |     |         |             |                                | 0.820                          | 100            | 0.820      | 73.170         |                                          |                                   |     |
| 380 |            | 11:05:00      | 219.100     | Swab # 13 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 381 |            | 11:05:00      | 219.100     |                                        | 11893       |             |              |     |         |             |                                | 0.620                          | 100            | 0.620      | 73.790         |                                          | 175000                            | 7   |
| 382 |            | 11:20:00      | 219.350     | Swab # 14 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 383 |            | 11:20:00      | 219.350     |                                        | 11893       |             |              |     |         |             |                                | 0.630                          | 100            | 0.630      | 74.420         |                                          | 175000                            | 7   |
| 384 |            | 11:35:00      | 219.600     | Swab # 15 Tag = 484 m. Pull = 11850 m. |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 385 |            | 11:35:00      | 219.600     |                                        | 11943       |             |              |     |         |             |                                | 0.520                          | 100            | 0.520      | 74.940         |                                          |                                   |     |
| 386 |            | 11:45:00      | 219.767     | Swab # 16 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 387 |            | 11:45:00      | 219.767     |                                        | 11993       |             |              |     |         |             |                                | 0.570                          | 100            | 0.570      | 75.510         |                                          | 176000                            | 7   |
| 388 |            | 12:00:00      | 220.017     | Swab # 17 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 389 |            | 12:00:00      | 220.017     |                                        | 11993       |             |              |     |         |             |                                | 0.430                          | 100            | 0.430      | 75.940         |                                          |                                   |     |
| 390 |            | 12:15:00      | 220.267     | Swab # 18 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 391 |            | 12:15:00      | 220.267     |                                        | 11993       |             |              |     |         |             |                                | 0.680                          | 100            | 0.680      | 76.620         |                                          | 180000                            | 7   |
| 392 |            | 12:25:00      | 220.433     | Swab # 19 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 393 |            | 12:25:00      | 220.433     |                                        | 12043       |             |              |     |         |             |                                | 0.320                          | 100            | 0.320      | 76.940         |                                          |                                   |     |
| 394 |            | 12:35:00      | 220.600     | Swab # 20 Tag = 484 m. Pull = 691 m.   |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |
| 395 |            | 12:35:00      | 220.600     |                                        | 12043       |             |              |     |         |             |                                | 0.530                          | 100            | 0.530      | 77.470         |                                          | 176000                            | 7   |
| 396 |            | 12:40:00      | 220.683     | Check cups. 5 new cups.                |             |             |              |     |         |             |                                |                                |                |            |                |                                          |                                   |     |

*Upscore*

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                  | Stat   | Diff |      | Gas | Cum.                             | Fld                            | Inc            | Cum   |                |                |                                   |     |        |    |  |
|---------------------|------------|----------|---------|--------------------------------------|--------|------|------|-----|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-----|--------|----|--|
| Date                | Time       | Time     | Pres    | Pres                                 | WHT    | Pres | Pres | MRT | Orifice                          | Rate                           | Gas            | Vol   | BSW            | Wat            | Wat                               | WGR | Sal    | pH |  |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                   | kPa(a) | kPa  | °C   | mm  | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |        |    |  |
| 397                 | 2004/11/13 | 12:55:00 | 220.933 | Swab # 21 Tag = 380 m. Pull = 588 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 398                 |            | 12:55:00 | 220.933 |                                      | 12068  |      |      |     |                                  |                                |                | 1.080 | 100            | 1.080          | 78.550                            |     | 168000 | 7  |  |
| 399                 |            | 13:10:00 | 221.183 | Swab # 22 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 400                 |            | 13:10:00 | 221.183 |                                      | 12068  |      |      |     |                                  |                                |                | 0.570 | 100            | 0.570          | 79.120                            |     | 174000 | 7  |  |
| 401                 |            | 13:15:00 | 221.267 | Stop swabbing to drain separator.    |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 402                 |            | 13:30:00 | 221.517 | 208                                  | 12043  |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 403                 |            | 13:45:00 | 221.767 | Swab # 23 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 404                 |            | 13:45:00 | 221.767 |                                      | 12043  |      |      |     |                                  |                                |                | 1.160 | 100            | 1.160          | 80.280                            |     | 160000 | 7  |  |
| 405                 |            | 14:00:00 | 222.017 | Swab # 24 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 406                 |            | 14:00:00 | 222.017 |                                      | 12093  |      |      |     |                                  |                                |                | 0.860 | 100            | 0.860          | 81.140                            |     |        |    |  |
| 407                 |            | 14:15:00 | 222.267 | Swab # 25 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 408                 |            | 14:15:00 | 222.267 |                                      | 12093  |      |      |     |                                  |                                |                | 0.880 | 100            | 0.880          | 82.020                            |     | 170000 | 7  |  |
| 409                 |            | 14:25:00 | 222.433 | Swab # 26 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 410                 |            | 14:25:00 | 222.433 |                                      | 12093  |      |      |     |                                  |                                |                | 0.580 | 100            | 0.580          | 82.600                            |     |        |    |  |
| 411                 |            | 14:35:00 | 222.600 | Swab # 27 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 412                 |            | 14:35:00 | 222.600 |                                      | 12143  |      |      |     |                                  |                                |                | 0.560 | 100            | 0.560          | 83.160                            |     | 174000 | 7  |  |
| 413                 |            | 14:50:00 | 222.850 | Swab # 28 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 414                 |            | 14:50:00 | 222.850 |                                      | 12143  |      |      |     |                                  |                                |                | 1.190 | 100            | 1.190          | 84.350                            |     |        |    |  |
| 415                 |            | 15:05:00 | 223.100 | Swab # 29 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 416                 |            | 15:05:00 | 223.100 |                                      | 12143  |      |      |     |                                  |                                |                | 0.970 | 100            | 0.970          | 85.320                            |     | 160000 | 7  |  |
| 417                 |            | 15:25:00 | 223.433 | Swab # 30 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 418                 |            | 15:25:00 | 223.433 |                                      | 12168  |      |      |     |                                  |                                |                | 0.650 | 100            | 0.650          | 85.970                            |     | 126000 | 7  |  |
| 419                 |            | 15:30:00 | 223.517 | Stop swabbing to drain separator.    |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 420                 |            | 15:45:00 | 223.767 | 203                                  | 12168  |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 421                 |            | 15:50:00 | 223.850 | Swab # 31 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 422                 |            | 15:50:00 | 223.850 |                                      | 12143  |      |      |     |                                  |                                |                | 0.860 | 100            | 0.860          | 86.830                            |     | 164000 | 7  |  |
| 423                 |            | 16:05:00 | 224.100 | Swab # 32 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 424                 |            | 16:05:00 | 224.100 |                                      | 12193  |      |      |     |                                  |                                |                | 0.580 | 100            | 0.580          | 87.410                            |     |        |    |  |
| 425                 |            | 16:20:00 | 224.350 | Swab # 33 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 426                 |            | 16:20:00 | 224.350 |                                      | 12193  |      |      |     |                                  |                                |                | 0.580 | 100            | 0.580          | 87.990                            |     | 180000 | 7  |  |
| 427                 |            | 16:30:00 | 224.517 | Swab # 34 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |
| 428                 |            | 16:30:00 | 224.517 |                                      | 12193  |      |      |     |                                  |                                |                | 0.410 | 100            | 0.410          | 88.400                            |     |        |    |  |
| 429                 |            | 16:47:00 | 224.800 | Swab # 35 Tag = 484 m. Pull = 691 m. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |        |    |  |

**Opsco**

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                                                        | Stat   | Diff | Gas  | Cum. | Fld                              | Inc                            | Cum            |       |                |                |                                   |       |        |    |  |  |
|---------------------|------------|----------|---------|----------------------------------------------------------------------------|--------|------|------|------|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-------|--------|----|--|--|
| Date                | Time       | Time     | Pres    | Pres                                                                       | WHT    | Pres | Pres | MRT  | Orifice                          | Rate                           | Gas            | Vol   | BSW            | Wat            | Wat                               | WGR   | Sal    | pH |  |  |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                                                         | kPa(a) | kPa  | °C   | mm   | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm   |        |    |  |  |
| 430                 | 2004/11/13 | 16:47:00 | 224.800 |                                                                            | 12293  |      |      |      |                                  |                                |                | 0.410 | 100            | 0.410          | 88.810                            |       | 175000 | 7  |  |  |
| 431                 |            | 17:00:00 | 225.017 | Swab # 36 Tag = 484 m. Pull = 691 m.                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 432                 |            | 17:00:00 | 225.017 |                                                                            | 12293  |      |      |      |                                  |                                |                | 0.410 | 100            | 0.410          | 89.220                            |       | 180000 | 7  |  |  |
| 433                 |            | 17:15:00 | 225.267 | Swab # 37 Tag = 484 m. Pull = 691 m.                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 434                 |            | 17:15:00 | 225.267 |                                                                            | 12293  |      |      |      |                                  |                                |                | 0.480 | 100            | 0.480          | 89.700                            |       |        |    |  |  |
| 435                 |            | 17:30:00 | 225.517 | Swab # 38 Tag = 484 m. Pull = 691 m.                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 436                 |            | 17:30:00 | 225.517 |                                                                            | 12293  |      |      |      |                                  |                                |                | 0.680 | 100            | 0.680          | 90.380                            |       | 176000 | 7  |  |  |
| 437                 |            | 17:40:00 | 225.683 | Swab # 39 Tag = 484 m. Pull = 691 m.                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 438                 |            | 17:40:00 | 225.683 |                                                                            | 12293  |      |      |      |                                  |                                |                | 0.320 | 100            | 0.320          | 90.700                            |       |        |    |  |  |
| 439                 |            | 17:40:00 | 225.683 | Sand line pulled out of rope socket. Swab mandural lost down hole.         |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 440                 |            | 17:45:00 | 225.767 | Shut in and secure wellhead. Drain separator. Shut down for the day.       |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 441                 |            | 17:46:00 | 225.783 |                                                                            |        | 93   | 0.00 | 0    |                                  | 0.000                          | 10.035         | 0.000 |                | 0.000          | 90.700                            |       |        |    |  |  |
| 442                 |            | 17:46:00 | 225.783 | Total daily gas produced = 0.00 10 <sup>3</sup> m <sup>3</sup> .           |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 443                 |            | 17:46:00 | 225.783 | Cum. gas produced to date = 10.07 10 <sup>3</sup> m <sup>3</sup> .         |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 444                 |            | 17:46:00 | 225.783 | Load fluid = 90.00 m <sup>3</sup> .                                        |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 445                 |            | 17:46:00 | 225.783 | Total load recovered today = 24.49 m <sup>3</sup> .                        |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 446                 |            | 17:46:00 | 225.783 | Cum. load recovered to date = 90.00 m <sup>3</sup> . Load fluid recovered. |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 447                 |            | 17:46:00 | 225.783 | 0.70 m <sup>3</sup> water produced to date.                                |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 448                 |            | 19:29:00 | 227.500 |                                                                            |        | 93   | 0.00 | 0    |                                  | 0.000                          | 10.035         | 0.000 |                | 0.000          | 90.700                            |       |        |    |  |  |
| 449                 |            | 19:30:00 | 227.517 | Open up well to flare and monitor pressures to maintain minimal pressure.  |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 450                 |            | 19:30:00 | 227.517 | 793                                                                        | 12293  |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 451                 |            | 19:31:00 | 227.533 |                                                                            |        | 93   | 0.00 | 0    |                                  | 0.000                          | 10.035         | 0.000 |                | 0.000          | 90.700                            |       |        |    |  |  |
| 452                 | 2004/11/14 | 06:00:00 | 238.017 | 93                                                                         | 12518  |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 453                 |            | 06:30:00 | 238.517 | Day shift on location. Attend safety meeting.                              |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 454                 |            | 07:30:00 | 239.517 | Shut in at wing valve. Rig flow line into casing to bleed off.             |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 455                 |            | 08:15:00 | 240.267 |                                                                            | 11593  | 93   | 0.00 | 0    |                                  | 0.000                          | 10.035         | 0.000 |                | 0.000          | 90.700                            |       |        |    |  |  |
| 456                 |            | 08:15:00 | 240.267 | Open casing at manifold on a 6.35 mm choke. 16/64                          |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 457                 |            | 08:20:00 | 240.350 |                                                                            | 11093  | 1989 | 1.00 | 15   | 88.90                            | 77.561                         | 10.305         |       |                |                |                                   |       |        |    |  |  |
| 458                 |            | 08:30:00 | 240.517 |                                                                            | 8843   | 2472 | 0.75 | 15   | 88.90                            | 75.450                         | 10.836         | 0.000 |                | 0.000          | 90.700                            | 0.000 |        |    |  |  |
| 459                 |            | 08:45:00 | 240.767 |                                                                            | 5893   | 2954 | 1.99 | 15   | 88.90                            | 135.676                        | 11.936         | 0.000 |                | 0.000          | 90.700                            | 0.000 |        |    |  |  |
| 460                 |            | 09:00:00 | 241.017 |                                                                            | 3093   | 714  | 1.74 | 15   | 88.90                            | 60.308                         | 12.956         | 0.000 |                | 0.000          | 90.700                            | 0.000 |        |    |  |  |
| 461                 |            | 09:10:00 | 241.183 | Increase choke size to 12.70 mm. 32/64                                     |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |
| 462                 |            | 09:15:00 | 241.267 | Casing tstm. Allow casing to vent.                                         |        |      |      |      |                                  |                                |                |       |                |                |                                   |       |        |    |  |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                                                                                  | Stat   | Diff |      | Gas | Cum.                             | Fld                            | Inc            | Cum   |                |                |                                   |     |     |    |  |
|---------------------|------------|----------|---------|------------------------------------------------------------------------------------------------------|--------|------|------|-----|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-----|-----|----|--|
| Date                | Time       | Time     | Pres    | Pres                                                                                                 | WHT    | Pres | Pres | MRT | Orifice                          | Rate                           | Gas            | Vol   | BSW            | Wat            | Wat                               | WGR | Sal | pH |  |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                                                                                   | kPa(a) | kPa  | °C   | mm  | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |     |    |  |
| 463                 | 2004/11/14 | 11:00:00 | 243.017 | Function test BOP.                                                                                   |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 464                 |            | 12:45:00 | 244.767 | Pressure test BOP.                                                                                   |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 465                 |            | 13:30:00 | 245.517 | Shut casing in at wing valve.                                                                        |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 466                 |            | 13:30:00 | 245.517 | Pump down annulas to kill well.                                                                      |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 467                 |            | 14:00:00 | 246.017 | Shut down pump. Pressuring up on annulas.                                                            |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 468                 |            | 14:15:00 | 246.267 | Put wellhead back on and attempt to reverse circulate swab mandural and sinker bars to surface.      |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 469                 |            | 16:00:00 | 248.017 | Start to reverse circulate well to separator in attempt to lift mandural and sinker bars to surface. |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 470                 |            | 16:30:00 | 248.517 | Shut down pump. Fish will not pump to surface.                                                       |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 471                 |            | 17:00:00 | 249.017 | Remove wellhead.                                                                                     |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 472                 |            | 17:30:00 | 249.517 | Put BOP on.                                                                                          |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 473                 |            | 17:30:00 | 249.517 | Total daily gas produced = 2.96 10 <sup>3</sup> m <sup>3</sup> .                                     |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 474                 |            | 17:30:00 | 249.517 | Cum gas produced to date = 12.96 10 <sup>3</sup> m <sup>3</sup> .                                    |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 475                 |            | 17:30:00 | 249.517 | Water produced today = 0.00 m <sup>3</sup> .                                                         |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 476                 |            | 17:30:00 | 249.517 | Cum water produced to date = 0.70 m <sup>3</sup> .                                                   |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 477                 |            | 17:30:00 | 249.517 | 90.00 m <sup>3</sup> load fluid recovered.                                                           |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 478                 |            | 17:31:00 | 249.533 |                                                                                                      |        | 93   | 0.00 | 0   |                                  | 0.000                          | 12.956         | 0.000 |                | 0.000          | 90.700                            |     |     |    |  |
| 479                 | 2004/11/15 | 06:30:00 | 262.517 | Arrive on location.                                                                                  |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 480                 |            | 07:00:00 | 263.017 | Attend safety meeting.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 481                 |            | 08:00:00 | 264.017 | Trip pipe out of hole.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 482                 |            | 17:00:00 | 273.017 | Pipe out of hole. Sinker bars and swab mandural lost down hole.                                      |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 483                 |            | 18:00:00 | 274.017 | Shut down for the day.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 484                 |            | 18:01:00 | 274.033 |                                                                                                      |        | 93   | 0.00 | 0   |                                  | 0.000                          | 12.956         | 0.000 |                | 0.000          | 90.700                            |     |     |    |  |
| 485                 | 2004/11/16 | 06:30:00 | 286.517 | Arrive on location.                                                                                  |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 486                 |            | 07:00:00 | 287.017 | Attend safety meeting.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 487                 |            | 07:00:00 | 287.017 | Rig crew short handed. Wait for further instruction.                                                 |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 488                 |            | 14:00:00 | 294.017 | Shut down for the day.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 489                 |            | 14:01:00 | 294.033 |                                                                                                      |        | 93   | 0.00 | 0   |                                  | 0.000                          | 12.956         | 0.000 |                | 0.000          | 90.700                            |     |     |    |  |
| 490                 | 2004/11/17 | 06:30:00 | 310.517 | Arrive on location.                                                                                  |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 491                 |            | 07:00:00 | 311.017 | Attend safety meeting.                                                                               |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 492                 |            | 07:30:00 | 311.517 | Make up BHA.                                                                                         |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 493                 |            | 08:00:00 | 312.017 | Trip in hole with overshot.                                                                          |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 494                 |            | 16:00:00 | 320.017 | Pipe in hole.                                                                                        |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |
| 495                 |            | 16:15:00 | 320.267 | Rig up to forward circulate well to rig tank to break circulation.                                   |        |      |      |     |                                  |                                |                |       |                |                |                                   |     |     |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                        | Csg<br>Pres | WHT<br>°C | Stat<br>Pres | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate | Cum.<br>Gas | Fld<br>Vol | BSW<br>% | Inc<br>Wat | Cum<br>Wat | WGR<br>m³/10³m | Sal<br>ppm | pH |
|-----|------------|---------------|-------------|--------------------------------------------------------------------|-------------|-----------|--------------|--------------|-----------|---------------|-------------|-------------|------------|----------|------------|------------|----------------|------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                             | kPa(a)      | °C        | kPa(a)       | kPa          | °C        | mm            | 10³m³/      | 10³m³       | m³         | %        | m³         | m³         | m³/10³m        | ppm        |    |
| 496 | 2004/11/17 | 16:45:00      | 320.767     | Started circulating. Good returns.                                 |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 497 |            | 16:55:00      | 320.933     | Shut down pump. Reverse circulate well to rig tank. Good returns.  |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 498 |            | 17:00:00      | 321.017     | Continue circulating. Returns dirty.                               |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 499 |            | 18:30:00      | 322.517     | Shut down pump.                                                    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 500 |            | 19:30:00      | 323.517     | Shut down for the day.                                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 501 |            | 19:31:00      | 323.533     |                                                                    |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.956      | 0.000      |          | 0.000      | 90.700     |                |            |    |
| 502 | 2004/11/18 | 06:30:00      | 334.517     | Arrive on location.                                                |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 503 |            | 07:00:00      | 335.017     | Attend safety meeting.                                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 504 |            | 07:15:00      | 335.267     | Tubing and casing on vacuum.                                       |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 505 |            | 08:00:00      | 336.017     | Circulate well to rig tank.                                        |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 506 |            | 09:45:00      | 337.767     | Shut down pump. Trip tubing out of hole.                           |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 507 |            | 11:00:00      | 339.017     | Shut in well. Lock rams. Drain lines. Shut down operation.         |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 508 |            | 11:01:00      | 339.033     |                                                                    |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.956      | 0.000      |          | 0.000      | 90.700     |                |            |    |
| 509 | 2004/11/19 | 10:00:00      | 362.017     | Travel to base.                                                    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 510 |            | 10:01:00      | 362.033     |                                                                    |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.956      | 0.000      |          | 0.000      | 90.700     |                |            |    |
| 511 | 2004/11/20 | 11:00:00      | 387.017     | ARRIVE ON LOCATION / CHECK OVER TEST EQUIPMENT.                    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 512 |            | 12:00:00      | 388.017     | WAIT FOR MEDIC AND SAFETY HAND TO ARRIVE.                          |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 513 |            | 16:00:00      | 392.017     | SHUT DOWN FOR TODAY / SECURE TEST EQUIPMENT AND RETURN TO CAMP.    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 514 |            | 16:01:00      | 392.033     |                                                                    |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.956      | 0.000      |          | 0.000      | 90.700     |                |            |    |
| 515 | 2004/11/21 | 06:45:00      | 406.767     | ARRIVE ON LOCATION AND ATTEND SAFETY MEETING ON TODAYS OPERATIONS. |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 516 |            | 07:40:00      | 407.683     | START TO TRIP TUBING OUT OF HOLE.                                  |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 517 |            | 11:10:00      | 411.183     | TUBING OUT OF HOLE / BREAK OUT OVERSHOT AND MAKE UP BIT& SCRAPER.  |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 518 |            | 12:45:00      | 412.767     | START TO RUN IN HOLE TO DO A BIT AND SCRAPER RUN.                  |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 519 |            | 19:00:00      | 419.017     | SHUT DOWN FOR NIGHT / CONTINUE TO TRIP IN HOLE TOMORROW MORNING.   |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 520 |            | 19:00:00      | 419.017     | SECURE FLOWLINE AND VESSEL.                                        |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 521 |            | 19:01:00      | 419.033     |                                                                    |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.956      | 0.000      |          | 0.000      | 90.700     |                |            |    |
| 522 | 2004/11/22 | 06:30:00      | 430.517     | ARRIVE ON LOCATION                                                 |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 523 |            | 06:45:00      | 430.767     | ATTEND SAFETY MEETING.                                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 524 |            | 07:00:00      | 431.017     | RIG FLOWLINE INTO B.O.P.S                                          |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 525 |            | 07:30:00      | 431.517     | CONTINUE RUNNING IN THE HOLE.                                      |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 526 |            | 08:20:00      | 432.350     | TAGGED SHALE PULL ONE JOINT / SHUT BAG AND RIG UP TO CIRCULATE.    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 527 |            | 08:45:00      | 432.767     | START TO CIRCULATE SCALE OUT OF HOLE.                              |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 528 |            | 09:30:00      | 433.517     | STOP CIRCULATING / RUN TUBING TO BOTTOM.                           |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                                                             | Csg<br>Pres | Stat<br>WHT | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate | Cum.<br>Gas                      | Fid<br>Vol                     | BSW<br>%       | Inc<br>Wat | Cum<br>Wat     | WGR<br>m <sup>3</sup> /10 <sup>3</sup> m | Sal<br>ppm                        | pH  |
|-----|------------|---------------|-------------|---------------------------------------------------------------------------------------------------------|-------------|-------------|--------------|-----------|---------------|-------------|----------------------------------|--------------------------------|----------------|------------|----------------|------------------------------------------|-----------------------------------|-----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                                                                  | kPa(a)      | °C          | kPa(a)       | kPa       | °C            | mm          | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %          | m <sup>3</sup> | m <sup>3</sup>                           | m <sup>3</sup> /10 <sup>3</sup> m | ppm |
| 529 | 2004/11/22 | 11:05:00      | 435.100     | START TO CIRCULATE WHILE RUNNING IN LAST JOINT. ( CLEAN OUT SCALE ).                                    |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 530 |            | 12:20:00      | 436.350     | CLEAN RETURNS AT SHAKER / SHUT DOWN PUMP AND PREPARE TO TRIP.                                           |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 531 |            | 12:30:00      | 436.517     | START TO PULL OUT OF HOLE.                                                                              |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 532 |            | 13:05:00      | 437.100     | SLIP AND CUT DRILL LINE.                                                                                |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 533 |            | 18:45:00      | 442.767     | TUBING OUT OF HOLE / LOCK BLIND RAMS.                                                                   |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 534 |            | 19:00:00      | 443.017     | RIG FLOWLINE OFF OF B.O.P.S / SECURE TEST EQUIPMENT / SHUT DOWN FOR NIGHT.                              |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 535 |            | 19:01:00      | 443.033     |                                                                                                         |             |             | 93           | 0.00      | 0             |             | 0.000                            | 12.956                         | 0.000          |            | 0.000          | 90.700                                   |                                   |     |
| 536 | 2004/11/23 | 06:30:00      | 454.517     | ARRIVE ON LOCATION / ATTEND SAFETY MEETING.                                                             |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 537 |            | 07:05:00      | 455.100     | RIG UP NEW TOOLS TO RUN IN HOLE.                                                                        |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 538 |            | 07:41:00      | 455.700     | START TO RUN IN HOLE WITH NEW TOOL STRING.                                                              |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 539 |            | 16:15:00      | 464.267     | TUBING IN THE HOLE / RIG UP TO CIRCULATE                                                                |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 540 |            | 16:15:00      | 464.267     | START TO CIRCULATE OVER SWAB TOOLS.                                                                     |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 541 |            | 18:00:00      | 466.017     | START TO PULL OUT OF HOLE / LAY DOWN THREE JOINTS.                                                      |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 542 |            | 18:30:00      | 466.517     | RIG FLOWLINE OFF OF B.O.P.S                                                                             |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 543 |            | 19:00:00      | 467.017     | SHUT DOWN FOR NIGHT / SECURE TEST EQUIPMENT                                                             |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 544 |            | 19:01:00      | 467.033     |                                                                                                         |             |             | 93           | 0.00      | 0             |             | 0.000                            | 12.956                         | 0.000          |            | 0.000          | 90.700                                   |                                   |     |
| 545 | 2004/11/24 | 06:30:00      | 478.517     | ARRIVE ON LOCATION AND ATTEND SAFETY MEETING.                                                           |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 546 |            | 07:15:00      | 479.267     | START TO PULL OUT OF HOLE.                                                                              |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 547 |            | 07:45:00      | 479.767     | TUBING FULL OF FLUID / RIG UP TO REVERSE CIRCULATE.                                                     |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 548 |            | 08:00:00      | 480.017     | START CIRCULATING DOWN THE CASING UP THE TUBING.                                                        |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 549 |            | 08:20:00      | 480.350     | STOP CIRCULATING / CONTINUE TO PULL OUT OF HOLE.                                                        |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 550 |            | 12:45:00      | 484.767     | FINISHED PULLING OUT OF HOLE / RIG IN OVER SHOT                                                         |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 551 |            | 13:45:00      | 485.767     | START RUNNING IN HOLE WITH OVER SHOT TO LATCH ONTO TOOLS DOWN HOLE                                      |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 552 |            | 17:00:00      | 489.017     | TUBING IN THE HOLE ABOVE FISH WAIT TILL MORNING TO LATCH ONTO FISH.                                     |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 553 |            | 17:30:00      | 489.517     | SHUT DOWN FOR NIGHT / RIG FLOWLINE OFF B.O.P.S AND SECURE VESSEL.                                       |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 554 |            | 17:31:00      | 489.533     |                                                                                                         |             |             | 93           | 0.00      | 0             |             | 0.000                            | 12.956                         | 0.000          |            | 0.000          | 90.700                                   |                                   |     |
| 555 | 2004/11/25 | 06:30:00      | 502.517     | ARRIVE ON LOCATION AND ATTEND SAFETY MEETING.                                                           |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 556 |            | 07:25:00      | 503.433     | FINISH RUNNING IN HOLE, ONCE ON BOTTOM CIRCULATE WHILE TRYING TO LATCH ON TO SINKER BAR & SWABBING TOOL |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 557 |            | 09:00:00      | 505.017     | LATCHED ONTO SINKER BAR & SWABBING TOOL - FISHING TOOL STUCK DOWN HOLE                                  |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 558 |            | 10:00:00      | 506.017     | PRESSURE UP TO MANIFOLD.                                                                                |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 559 |            | 10:10:00      | 506.183     | 93                                                                                                      | 6493        |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 560 |            | 10:17:00      | 506.300     | CASING BLEED OFF / SHUT IN AT B.O.P.S.                                                                  |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |
| 561 |            | 10:20:00      | 506.350     | RIG UP GAS LINE OFF 2K-29 INTO CASING TO BLOW FLUID FLUID OUT THE TUBING.                               |             |             |              |           |               |             |                                  |                                |                |            |                |                                          |                                   |     |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD

## REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|                     | Clock      | Cum      | Tbg     | Csg                                                                                                | Stat   | Diff | Gas  | Cum. | Fld                              | Inc                            | Cum            |       |                |                |                                   |     |     |    |  |  |
|---------------------|------------|----------|---------|----------------------------------------------------------------------------------------------------|--------|------|------|------|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|-----|-----|----|--|--|
| Date                | Time       | Time     | Pres    | Pres                                                                                               | WHT    | Pres | Pres | MRT  | Orifice                          | Rate                           | Gas            | Vol   | BSW            | Wat            | Wat                               | WGR | Sal | pH |  |  |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                                                                                 | kPa(a) | kPa  | °C   | mm   | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |     |    |  |  |
| 562                 | 2004/11/25 | 10:45:00 | 506.767 | BLEED OFF CASING PRESSURE.                                                                         |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 563                 |            | 10:46:00 | 506.783 | 93                                                                                                 | 7093   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 564                 |            | 11:01:00 | 507.033 | SHUT IN AT B.O.P.S / RIG UP TO START TO CIRCULATE.                                                 |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 565                 |            | 11:07:00 | 507.133 | STOP CIRCULATING / RIG UP TO BLOW FLUID OUT OF TUBING.                                             |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 566                 |            | 11:15:00 | 507.267 | START TO BLOW OUT TUBING.                                                                          |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 567                 |            | 12:00:00 | 508.017 | TUBING BLOWN OUT / OPEN WELL TO BLEED OFF PRESSURE.                                                |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 568                 |            | 12:01:00 | 508.033 | 93                                                                                                 | 9193   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 569                 |            | 12:10:00 | 508.183 | 93                                                                                                 | 327    |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 570                 |            | 12:15:00 | 508.267 | 93                                                                                                 | 93     |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 571                 |            | 12:22:00 | 508.383 | LEAVE WELL OPEN TO VENT                                                                            |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 572                 |            | 12:29:00 | 508.500 | SHUT IN BACK PRESSURE VALVE                                                                        |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 573                 |            | 13:00:00 | 509.017 | PULLED ON TUBEING FISHING TOOL RELEASED AND WELL KICK FLUID OUT                                    |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 574                 |            | 13:07:00 | 509.133 | OPEN TO VESSEL TO BLEED DOWN CASING                                                                |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 575                 |            | 13:13:00 | 509.233 | SHUT IN AT MANIFOLD/ PRESSURE OF 3600 kpa SHOWING ON CASING                                        |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 576                 |            | 13:15:00 | 509.267 | 93                                                                                                 | 3693   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 577                 |            | 13:26:00 | 509.450 | START PULLING OUT OF HOLE ( TWO JOINTS PULLED AND LAID DOWN) CIRCULATING WHILE PULLING OUT OF HOLE |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 578                 |            | 13:30:00 | 509.517 | 93                                                                                                 | 4093   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 579                 |            | 13:45:00 | 509.767 | 93                                                                                                 | 4093   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 580                 |            | 13:46:00 | 509.783 | START BLEEDING DOWN THE CASING                                                                     |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 581                 |            | 13:50:00 | 509.850 | FLUID TO SURFACE                                                                                   |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 582                 |            | 14:00:00 | 510.017 | 93                                                                                                 | 3893   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 583                 |            | 15:15:00 | 511.267 | RIG START TO PULL OUT OF HOLE                                                                      |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 584                 |            | 17:15:00 | 513.267 | SHIPPED FLUID OUT OF TEST VESSEL TO VAC. TRUCK                                                     |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 585                 |            | 18:30:00 | 514.517 | PULL ONE MORE STAND AND SHUT DOWN FOR NIGHT / CONTINUE TO PULL OUT IN THE MORNING.                 |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 586                 |            | 19:00:00 | 515.017 | RIG FLOWLINE OFF B.O.P.S / SECURE TEST VESSEL AND FLOWLINE.                                        |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 587                 |            | 19:01:00 | 515.033 |                                                                                                    |        | 93   | 0.00 | 0    |                                  | 0.000                          | 12.956         | 0.000 |                | 0.000          | 90.700                            |     |     |    |  |  |
| 588                 | 2004/11/26 | 06:30:00 | 526.517 | ARRIVE ON LOCATION AND ATTEND SAFETY MEETING.                                                      |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 589                 |            | 07:00:00 | 527.017 | OBTAIN SHUT IN WELL PRESSURES.                                                                     |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 590                 |            | 07:00:00 | 527.017 | 93                                                                                                 | 5743   |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 591                 |            | 07:20:00 | 527.350 | SQUEEZE 35M³ INTO CASING.                                                                          |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 592                 |            | 09:00:00 | 529.017 | CONTINUE TO PULL OUT OF HOLE                                                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 593                 |            | 11:05:00 | 531.100 | CASING KICKING AROUND / RIG UP AND PUMP 20M³ DOWN CASING.                                          |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |
| 594                 |            | 12:30:00 | 532.517 | SINKER BARS AND SWABBING MANDURAL AT SURFACE                                                       |        |      |      |      |                                  |                                |                |       |                |                |                                   |     |     |    |  |  |

PARAMOUNT RESOURCES LTD  
REPORT

|                     | Clock      | Cum      | Tbg     | Csg                                                                                              | Stat   | Diff |      | Gas  | Cum.                             | Fid                            |                | Inc    | Cum            |                |                                   |        |       |    |  |
|---------------------|------------|----------|---------|--------------------------------------------------------------------------------------------------|--------|------|------|------|----------------------------------|--------------------------------|----------------|--------|----------------|----------------|-----------------------------------|--------|-------|----|--|
| Date                | Time       | Time     | Pres    | Pres                                                                                             | WHT    | Pres | Pres | MRT  | Orifice                          | Rate                           | Gas            | Vol    | BSW            | Wat            | Wat                               | WGR    | Sal   | pH |  |
| yyyy/mm/dd hh:mm:ss | hr         | kPa(a)   | kPa(a)  | °C                                                                                               | kPa(a) | kPa  | °C   | mm   | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %      | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |       |    |  |
| 595                 | 2004/11/26 | 13:00:00 | 533.017 | START RUNNING IN HOLE WITH TUBING                                                                |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 596                 |            | 19:00:00 | 539.017 | FINISHED RUNNING IN HOLE FOR NIGHT.                                                              |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 597                 |            | 19:00:00 | 539.017 | SECURED WELL HEAD FOR THE NIGHT AND SUSPENDED OPS OVERNIGHT.                                     |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 598                 |            | 19:01:00 | 539.033 |                                                                                                  |        | 93   | 0.00 | 0    |                                  | 0.000                          | 12.956         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 599                 | 2004/11/27 | 07:30:00 | 551.517 | 1173                                                                                             | 1668   | 93   | 0.00 | 0    |                                  | 0.000                          | 12.956         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 600                 |            | 07:45:00 | 551.767 | OPENED CHOKE TO BLEED OFF CSG PRESSURE TO FLARE WHILE CONCORD BLEEDS OFF TBG.                    |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 601                 |            | 08:00:00 | 552.017 | 93                                                                                               | 93     |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 602                 |            | 08:00:00 | 552.017 | WELL BLED OFF, CLOSED CHOKE, RIGGED OFF WELL HEAD.                                               |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 603                 |            | 08:00:00 | 552.017 | CONCORD TO COMPLETE RUNNING TBG AND TOOLS AND CHANGE OUT B.O.P. FOR WELL HEAD.                   |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 604                 |            | 19:30:00 | 563.517 | PREPARED FOR FLOW OPS TOMMORROW AND SECURED WELL HEAD FOR THE NIGHT AND SUSPENDED OPS OVERNIGHT. |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 605                 |            | 19:31:00 | 563.533 |                                                                                                  |        | 93   | 0.00 | 0    |                                  | 0.000                          | 12.956         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 606                 | 2004/11/28 | 07:15:00 | 575.267 | 10303                                                                                            | 10328  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 607                 |            | 07:15:00 | 575.267 | PREPARED FOR BLEED OFF AND RIGGED INTO WELL HEAD WITH OPSCO FLOW LINE INTO TBG WING VALVE.       |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 608                 |            | 08:30:00 | 576.517 | FUNCTION TESTED OPSCO ESD SYSTEM. PRESSURED UP TO CLOSED CHOKE.                                  |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 609                 |            | 08:45:00 | 576.767 | 10000                                                                                            | 10563  | 93   | 0.00 | 0    |                                  | 0.000                          | 12.956         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 610                 |            | 08:46:00 | 576.783 | Opened choke to flow Tubing through separator on a 12.70 mm Adjustable choke to flare.           |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 611                 |            | 08:50:00 | 576.850 | 7243                                                                                             | 10398  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 612                 |            | 08:55:00 | 576.933 | 2378                                                                                             | 10263  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 613                 |            | 08:56:00 | 576.950 | Increased choke size to 38.10 mm via choke manifold gut line.                                    |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 614                 |            | 09:00:00 | 577.017 | 103                                                                                              | 10423  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 615                 |            | 09:15:00 | 577.267 | 93                                                                                               | 10543  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 616                 |            | 09:20:00 | 577.350 | 93                                                                                               | 10543  |      | 100  | 0.25 | 0                                | 12.70                          | 0.167          | 12.961 | 0.000          |                | 0.000                             | 90.700 | 0.000 |    |  |
| 617                 |            | 09:20:00 | 577.350 | Shut in at Tbg Wing valve and CONCORD prepared for Swab Ops.                                     |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 618                 |            | 09:21:00 | 577.367 |                                                                                                  |        | 93   | 0.00 | 0    |                                  | 0.000                          | 12.961         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 619                 |            | 10:30:00 | 578.517 | CONCORD commenced RIH for first swab.                                                            |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 620                 |            | 10:30:00 | 578.517 |                                                                                                  | 10443  |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 621                 |            | 11:00:00 | 579.017 |                                                                                                  | 11663  | 93   | 0.00 | 0    |                                  | 0.000                          | 12.961         | 0.000  |                | 0.000          | 90.700                            |        |       |    |  |
| 622                 |            | 11:25:00 | 579.433 | Swab # 1 Tag = 435 m. Pull = 643 m.                                                              |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 623                 |            | 11:25:00 | 579.433 |                                                                                                  | 10663  |      |      |      |                                  |                                |                | 0.576  | 100            | 0.576          | 91.276                            |        |       |    |  |
| 624                 |            | 11:37:00 | 579.633 | Swab # 2 Tag = 274 m. Pull = 643 m.                                                              |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 625                 |            | 11:37:00 | 579.633 |                                                                                                  | 10693  |      |      |      |                                  |                                |                | 0.594  | 100            | 0.594          | 91.870                            |        |       |    |  |
| 626                 |            | 12:04:00 | 580.083 | Swab # 3 Tag = 274 m. Pull = 694 m.                                                              |        |      |      |      |                                  |                                |                |        |                |                |                                   |        |       |    |  |
| 627                 |            | 12:04:00 | 580.083 |                                                                                                  | 10723  |      |      |      |                                  |                                |                | 1.214  | 100            | 1.214          | 93.084                            |        |       |    |  |

Opcon

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                     | Csg<br>Pres | WHT<br>°C | Stat<br>Pres | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate | Cum.<br>Gas | Fld<br>Vol | BSW<br>% | Inc<br>Wat | Cum<br>Wat | WGR<br>m³/10³m | Sal<br>ppm | pH |
|-----|------------|---------------|-------------|-----------------------------------------------------------------|-------------|-----------|--------------|--------------|-----------|---------------|-------------|-------------|------------|----------|------------|------------|----------------|------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                          | kPa(a)      | °C        | kPa(a)       | kPa          | °C        | mm            | 10³m³/      | 10³m³       | m³         | %        | m³         | m³         | m³/10³m        | ppm        |    |
| 628 | 2004/11/28 | 12:22:00      | 580.383     | Swab # 4 Tag = 382 m. Pull = 590 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 629 |            | 12:22:00      | 580.383     |                                                                 | 10733       |           |              |              |           |               |             |             | 1.880      | 100      | 1.880      | 94.964     |                |            |    |
| 630 |            | 12:36:00      | 580.617     | Swab # 5 Tag = 382 m. Pull = 591 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 631 |            | 12:36:00      | 580.617     |                                                                 | 10773       |           |              |              |           |               |             |             | 1.905      | 100      | 1.905      | 96.869     |                |            |    |
| 632 |            | 12:51:00      | 580.867     | Swab # 6 Tag = 435 m. Pull = 643 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 633 |            | 12:51:00      | 580.867     |                                                                 | 10793       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 98.139     |                |            |    |
| 634 |            | 13:10:00      | 581.183     | Swab # 7 Tag = 435 m. Pull = 694 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 635 |            | 13:10:00      | 581.183     |                                                                 | 10833       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 99.409     |                |            |    |
| 636 |            | 13:21:00      | 581.367     | Swab # 8 Tag = 435 m. Pull = 694 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 637 |            | 13:21:00      | 581.367     |                                                                 | 10843       |           |              |              |           |               |             |             | 0.635      | 100      | 0.635      | 100.044    |                |            |    |
| 638 |            | 13:45:00      | 581.767     | Swab # 9 Tag = 487 m. Pull = 746 m.                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 639 |            | 13:45:00      | 581.767     |                                                                 | 10853       |           |              |              |           |               |             |             | 0.635      | 100      | 0.635      | 100.679    |                |            |    |
| 640 |            | 14:04:00      | 582.083     | Swab # 10 Tag = 435 m. Pull = 591 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 641 |            | 14:04:00      | 582.083     |                                                                 | 10863       |           |              |              |           |               |             |             | 0.635      | 100      | 0.635      | 101.314    |                |            |    |
| 642 |            | 14:16:00      | 582.283     | Swab # 11 Tag = 487 m. Pull = 643 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 643 |            | 14:16:00      | 582.283     |                                                                 | 10863       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 102.584    |                |            |    |
| 644 |            | 14:27:00      | 582.467     | Swab # 12 Tag = 487 m. Pull = 643 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 645 |            | 14:27:00      | 582.467     |                                                                 | 10913       |           |              |              |           |               |             |             | 0.635      | 100      | 0.635      | 103.219    |                |            |    |
| 646 |            | 14:35:00      | 582.600     | Swab # 13 Tag = 539 m. Pull = 694 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 647 |            | 14:35:00      | 582.600     |                                                                 | 10923       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 104.489    |                |            |    |
| 648 |            | 14:50:00      | 582.850     | Swab # 14 Tag = 539 m. Pull = 694 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 649 |            | 14:50:00      | 582.850     |                                                                 | 10943       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 105.759    |                |            |    |
| 650 |            | 15:10:00      | 583.183     | Swab # 15 Tag = 539 m. Pull = 746 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 651 |            | 15:10:00      | 583.183     |                                                                 | 10903       |           |              |              |           |               |             |             | 1.905      | 100      | 1.905      | 107.664    |                |            |    |
| 652 |            | 15:20:00      | 583.350     | Swab # 16 Tag = 539 m. Pull = 746 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 653 |            | 15:20:00      | 583.350     |                                                                 | 10943       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 108.934    |                | 30000      |    |
| 654 |            | 15:31:00      | 583.533     | Swab # 17 Tag = 539 m. Pull = 746 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 655 |            | 15:31:00      | 583.533     |                                                                 | 10983       |           |              |              |           |               |             |             | 1.270      | 100      | 1.270      | 110.204    |                |            |    |
| 656 |            | 15:31:00      | 583.533     | Diverted swab returns to OPSCO separator for Swab 18 and above. |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 657 |            | 16:12:00      | 584.217     | Swab # 18 Tag = 539 m. Pull = 746 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 658 |            | 16:12:00      | 584.217     |                                                                 | 10933       |           |              |              |           |               |             |             | 0.976      | 100      | 0.976      | 111.180    |                |            |    |
| 659 |            | 16:30:00      | 584.517     | Swab # 19 Tag = 539 m. Pull = 746 m.                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 660 |            | 16:30:00      | 584.517     |                                                                 | 10943       |           |              |              |           |               |             |             | 0.491      | 100      | 0.491      | 111.671    |                |            |    |

OPSCO

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD

## REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                                            | Csg<br>Pres | WHT | Stat<br>Pres | Diff<br>Pres | MRT | Orifice | Gas<br>Rate                      | Cum.<br>Gas                    | Fld<br>Vol     | Inc<br>BSW | Cum<br>Wat     | Wat            | WGR                               | Sal | pH |
|-----|------------|---------------|-------------|----------------------------------------------------------------------------------------|-------------|-----|--------------|--------------|-----|---------|----------------------------------|--------------------------------|----------------|------------|----------------|----------------|-----------------------------------|-----|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                                                 | kPa(a)      | °C  | kPa(a)       | kPa          | °C  | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %          | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm |    |
| 661 | 2004/11/28 | 16:50:00      | 584.850     | Swab # 20 Tag =591 m. Pull = 798 m.                                                    |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 662 |            | 16:50:00      | 584.850     |                                                                                        | 10933       |     |              |              |     |         |                                  |                                | 0.636          | 100        | 0.636          | 112.307        |                                   |     |    |
| 663 |            | 16:50:00      | 584.850     | Total gas flared in past 24 hours = 0.0 10 <sup>3</sup> m <sup>3</sup>                 |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 664 |            | 16:50:00      | 584.850     | Cum gas produced to date = 12.96 10 <sup>3</sup> m <sup>3</sup> .                      |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 665 |            | 16:50:00      | 584.850     | Cum water recovered to date = 112.31 m <sup>3</sup> .                                  |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 666 |            | 16:50:00      | 584.850     | Load fluid to be recovered = 243.0 m <sup>3</sup> .                                    |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 667 |            | 16:50:00      | 584.850     | Load fluid recovered in past 24 hours = 12.96 m <sup>3</sup> .                         |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 668 |            | 16:50:00      | 584.850     | Load fluid left to be recovered = 221.39 m <sup>3</sup>                                |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 669 |            | 20:00:00      | 588.017     | 420                                                                                    | 11233       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 670 |            | 20:30:00      | 588.517     | 424                                                                                    | 11203       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 671 |            | 21:00:00      | 589.017     | 439                                                                                    | 11183       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 672 |            | 21:30:00      | 589.517     | 448                                                                                    | 11123       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 673 |            | 22:00:00      | 590.017     | 462                                                                                    | 11003       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 674 |            | 22:30:00      | 590.517     | 471                                                                                    | 10943       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 675 |            | 23:00:00      | 591.017     | 494                                                                                    | 10963       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 676 |            | 23:30:00      | 591.517     | 514                                                                                    | 10963       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 677 | 2004/11/29 | 00:00:00      | 592.017     | 529                                                                                    | 10983       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 678 |            | 00:30:00      | 592.517     | 548                                                                                    | 11003       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 679 |            | 01:00:00      | 593.017     | 565                                                                                    | 11013       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 680 |            | 01:30:00      | 593.517     | 584                                                                                    | 11023       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 681 |            | 02:00:00      | 594.017     | 603                                                                                    | 11003       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 682 |            | 02:30:00      | 594.517     | 618                                                                                    | 11033       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 683 |            | 03:00:00      | 595.017     | 638                                                                                    | 11043       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 684 |            | 03:30:00      | 595.517     | 661                                                                                    | 11043       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 685 |            | 04:00:00      | 596.017     | 685                                                                                    | 11073       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 686 |            | 04:30:00      | 596.517     | 701                                                                                    | 11083       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 687 |            | 05:00:00      | 597.017     | 717                                                                                    | 11083       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 688 |            | 05:30:00      | 597.517     | 731                                                                                    | 11103       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 689 |            | 06:00:00      | 598.017     | 748                                                                                    | 11123       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 690 |            | 06:30:00      | 598.517     | 763                                                                                    | 11143       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 691 |            | 07:00:00      | 599.017     | 776                                                                                    | 11153       |     | 93           | 0.00         | 0   |         | 0.000                            | 12.961                         | 0.000          |            | 0.000          | 112.307        |                                   |     |    |
| 692 |            | 07:00:00      | 599.017     | Opened choke to bleed off Tubing through separator on a 38.10 choke manifold gut line. |             |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |
| 693 |            | 07:05:00      | 599.100     | 119                                                                                    | 11133       |     |              |              |     |         |                                  |                                |                |            |                |                |                                   |     |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock Time | Cum Time | Tbg Pres                                                                                                | Csg Pres | WHT °C | Stat Pres | Diff Pres | MRT °C | Orifice mm | Gas Rate 10 <sup>3</sup> m <sup>3</sup> / | Cum. Gas 10 <sup>3</sup> m <sup>3</sup> | Fld Vol m <sup>3</sup> | BSW % | Inc Wat m <sup>3</sup> | Cum Wat m <sup>3</sup> | WGR m <sup>3</sup> /10 <sup>3</sup> m | Sal ppm | pH |
|-----|------------|------------|----------|---------------------------------------------------------------------------------------------------------|----------|--------|-----------|-----------|--------|------------|-------------------------------------------|-----------------------------------------|------------------------|-------|------------------------|------------------------|---------------------------------------|---------|----|
| 694 | 2004/11/29 | 07:10:00   | 599.183  | 93                                                                                                      | 11143    |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 695 |            | 07:15:00   | 599.267  | 93                                                                                                      | 11163    |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 696 |            | 07:30:00   | 599.517  | 93                                                                                                      | 11163    |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 697 |            | 07:45:00   | 599.767  | 93                                                                                                      | 11113    |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 698 |            | 08:00:00   | 600.017  | 93                                                                                                      | 11173    |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 699 |            | 08:30:00   | 600.517  | 93                                                                                                      | 11173    |        | 93        | 0.00      | 0      |            | 0.000                                     | 12.961                                  | 0.000                  |       | 0.000                  | 112.307                |                                       |         |    |
| 700 |            | 08:30:00   | 600.517  | Shut in at master valve. CONCORD rigged up for swab operations.                                         |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 701 |            | 09:34:00   | 601.583  |                                                                                                         |          |        | 93        | 0.00      | 0      |            | 0.000                                     | 12.961                                  | 0.000                  |       | 0.000                  | 112.307                |                                       |         |    |
| 702 |            | 09:35:00   | 601.600  | Opened master valve and bled off 66 kPa Tubing pressure. RIH for first swab of day.                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 703 |            | 09:56:00   | 601.950  |                                                                                                         |          |        | 93        | 0.00      | 0      |            | 0.000                                     | 12.961                                  | 0.000                  |       | 0.000                  | 112.307                |                                       |         |    |
| 704 |            | 09:56:00   | 601.950  | Swab # 1 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 705 |            | 09:56:00   | 601.950  |                                                                                                         | 11353    |        |           |           |        |            |                                           |                                         | 0.961                  | 100   |                        |                        |                                       |         |    |
| 706 |            | 10:17:00   | 602.300  | Swab # 2 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 707 |            | 10:17:00   | 602.300  |                                                                                                         | 11363    |        |           |           |        |            |                                           |                                         | 0.369                  | 100   | 0.369                  | 112.676                |                                       |         |    |
| 708 |            | 10:35:00   | 602.600  | Swab # 3 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 709 |            | 10:35:00   | 602.600  |                                                                                                         | 11383    |        |           |           |        |            |                                           |                                         | 0.724                  | 100   | 0.724                  | 113.400                |                                       |         |    |
| 710 |            | 10:48:00   | 602.817  | Swab # 4 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 711 |            | 10:48:00   | 602.817  |                                                                                                         | 11393    |        |           |           |        |            |                                           |                                         | 0.573                  | 100   | 0.573                  | 113.973                |                                       |         |    |
| 712 |            | 11:02:00   | 603.050  | Swab # 5 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 713 |            | 11:02:00   | 603.050  |                                                                                                         | 11443    |        |           |           |        |            |                                           |                                         | 0.253                  | 100   | 0.253                  | 114.226                |                                       | 180000  |    |
| 714 |            | 11:15:00   | 603.267  | Swab # 6 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 715 |            | 11:15:00   | 603.267  |                                                                                                         | 11453    |        |           |           |        |            |                                           |                                         | 0.463                  | 100   | 0.463                  | 114.689                |                                       |         |    |
| 716 |            | 11:30:00   | 603.517  | Swab # 7 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 717 |            | 11:30:00   | 603.517  |                                                                                                         | 11473    |        |           |           |        |            |                                           |                                         | 0.422                  | 100   | 0.422                  | 115.111                |                                       | 180000  |    |
| 718 |            | 11:45:00   | 603.767  | Swab # 8 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 719 |            | 11:45:00   | 603.767  |                                                                                                         | 11433    |        |           |           |        |            |                                           |                                         | 0.288                  | 100   | 0.288                  | 115.399                |                                       | 170000  |    |
| 720 |            | 12:02:00   | 604.050  | Swab # 9 Tag = 591 m. Pull = 798 m.                                                                     |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 721 |            | 12:02:00   | 604.050  |                                                                                                         | 11403    |        |           |           |        |            |                                           |                                         | 0.729                  | 100   | 0.729                  | 116.128                |                                       |         |    |
| 722 |            | 12:02:00   | 604.050  | Changed cups. Pressured up Separator to ship fluid to onsite 64 m <sup>3</sup> storage tanks.           |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 723 |            | 12:02:00   | 604.050  | Shipping lines hydrated on Separator compartments A and C. Clear while POOH for swab #10.               |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 724 |            | 12:35:00   | 604.600  | Swab # 10 Tag = 591 m. Pull = 798 m.                                                                    |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |
| 725 |            | 12:35:00   | 604.600  |                                                                                                         | 11393    |        |           |           |        |            |                                           |                                         | 0.400                  | 100   | 0.400                  | 116.528                |                                       |         |    |
| 726 |            | 12:35:00   | 604.600  | Shipped 2.094 m <sup>3</sup> from Separator compartment B while still thawing out compartments A and C. |          |        |           |           |        |            |                                           |                                         |                        |       |                        |                        |                                       |         |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD

## REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock Time | Cum Time | Tbg Pres                                                                                                              | Csg Pres | Stat WHT | Diff Pres | MRT  | Orifice | Gas Rate | Cum. Gas                         | Fld Vol                        | Inc BSW        | Cum Wat | WGR            | Sal                               | pH     |
|-----|------------|------------|----------|-----------------------------------------------------------------------------------------------------------------------|----------|----------|-----------|------|---------|----------|----------------------------------|--------------------------------|----------------|---------|----------------|-----------------------------------|--------|
|     | yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)                                                                                                                | kPa(a)   | °C       | kPa(a)    | kPa  | °C      | mm       | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %       | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |
| 727 | 2004/11/29 | 12:56:00   | 604.950  | Swab # 11 Tag = 487 m. Pull = 746 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 728 |            | 12:56:00   | 604.950  |                                                                                                                       | 11403    |          |           |      |         |          |                                  | 0.500                          | 100            | 0.500   | 117.028        |                                   |        |
| 729 |            | 13:41:00   | 605.700  | Finally shipped 3.896 m <sup>3</sup> Compartment A and B to onsite storage.                                           |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 730 |            | 13:41:00   | 605.700  | Unable to thaw section C, able to carry on with operations.                                                           |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 731 |            | 13:58:00   | 605.983  | Swab # 12 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 732 |            | 13:58:00   | 605.983  |                                                                                                                       | 11433    |          |           |      |         |          |                                  | 0.787                          | 100            | 0.787   | 117.815        |                                   |        |
| 733 |            | 14:12:00   | 606.217  | Swab # 13 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 734 |            | 14:12:00   | 606.217  |                                                                                                                       | 11483    |          |           |      |         |          |                                  | 0.793                          | 100            | 0.793   | 118.608        |                                   | 172000 |
| 735 |            | 14:17:00   | 606.300  | Swab # 14 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 736 |            | 14:17:00   | 606.300  |                                                                                                                       | 11523    |          |           |      |         |          |                                  | 0.770                          | 100            | 0.770   | 119.378        |                                   | 168000 |
| 737 |            | 14:43:00   | 606.733  | Swab # 15 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 738 |            | 14:43:00   | 606.733  |                                                                                                                       | 11543    |          |           |      |         |          |                                  | 0.817                          | 100            | 0.817   | 120.195        |                                   |        |
| 739 |            | 14:58:00   | 606.983  | Swab # 16 Tag = 591 m. Pull = 848 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 740 |            | 14:58:00   | 606.983  |                                                                                                                       | 11553    |          |           |      |         |          |                                  | 0.400                          | 100            | 0.400   | 120.595        |                                   | 180000 |
| 741 |            | 14:58:00   | 606.983  | Pressured up Separator and shipped 2.042 m <sup>3</sup> to onsite storage.                                            |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 742 |            | 15:16:00   | 607.283  | Swab # 17 Tag = 591 m. Pull = 848 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 743 |            | 15:16:00   | 607.283  |                                                                                                                       | 11583    |          |           |      |         |          |                                  | 0.584                          | 100            | 0.584   | 121.159        |                                   | 170000 |
| 744 |            | 15:35:00   | 607.600  | Swab # 18 Tag = 591 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 745 |            | 15:35:00   | 607.600  |                                                                                                                       | 11603    |          |           |      |         |          |                                  | 0.389                          | 100            | 0.389   | 121.548        |                                   | 175000 |
| 746 |            | 15:55:00   | 607.933  | Swab # 19 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 747 |            | 15:55:00   | 607.933  |                                                                                                                       | 11613    |          |           |      |         |          |                                  | 0.389                          | 100            | 0.389   | 121.937        |                                   | 180000 |
| 748 |            | 16:09:00   | 608.167  | Swab # 20 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 749 |            | 16:09:00   | 608.167  |                                                                                                                       | 11643    |          |           |      |         |          |                                  | 0.389                          | 100            | 0.389   | 122.326        |                                   | 170000 |
| 750 |            | 16:23:00   | 608.400  | Swab # 21 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 751 |            | 16:23:00   | 608.400  |                                                                                                                       | 11643    |          |           |      |         |          |                                  | 0.389                          | 100            | 0.389   | 122.715        |                                   | 170000 |
| 752 |            | 16:38:00   | 608.650  | Swab # 22 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 753 |            | 16:38:00   | 608.650  |                                                                                                                       | 11613    |          |           |      |         |          |                                  | 0.279                          | 100            | 0.279   | 122.994        |                                   | 175000 |
| 754 |            | 16:50:00   | 608.850  | Swab # 23 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 755 |            | 16:50:00   | 608.850  |                                                                                                                       | 11603    |          |           |      |         |          |                                  | 0.279                          | 100            | 0.279   | 123.273        |                                   | 178000 |
| 756 |            | 17:05:00   | 609.100  | Swab # 24 Tag = 539 m. Pull = 798 m.                                                                                  |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 757 |            | 17:05:00   | 609.100  |                                                                                                                       | 11603    |          |           |      |         |          |                                  | 0.280                          | 100            | 0.280   | 123.553        |                                   | 175000 |
| 758 |            | 17:05:00   | 609.100  | Shut in at Master. Rigged down Swab equipment. Blow down FlowLn to Separator. Blow down Production to onsite storage. |          |          |           |      |         |          |                                  |                                |                |         |                |                                   |        |
| 759 |            | 19:00:00   | 611.017  | 316                                                                                                                   | 11593    |          | 93        | 0.00 | 0       |          | 0.000                            | 12.961                         | 0.000          |         | 0.000          | 123.553                           |        |

Upson

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                                                     | Csg<br>Pres | WHT<br>°C | Stat<br>Pres | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate                      | Cum.<br>Gas                    | Fld<br>Vol     | BSW<br>% | Inc<br>Wat     | Cum<br>Wat     | WGR<br>m <sup>3</sup> /10 <sup>3</sup> m | Sal<br>ppm | pH |
|-----|------------|---------------|-------------|-------------------------------------------------------------------------------------------------|-------------|-----------|--------------|--------------|-----------|---------------|----------------------------------|--------------------------------|----------------|----------|----------------|----------------|------------------------------------------|------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                                                          | kPa(a)      | °C        | kPa(a)       | kPa          | °C        | mm            | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %        | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m        | ppm        |    |
| 760 | 2004/11/29 | 19:30:00      | 611.517     | 343                                                                                             | 11603       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 761 |            | 20:00:00      | 612.017     | 372                                                                                             | 11613       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 762 |            | 20:30:00      | 612.517     | 399                                                                                             | 11623       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 763 |            | 21:00:00      | 613.017     | 425                                                                                             | 11643       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 764 |            | 21:30:00      | 613.517     | 446                                                                                             | 11633       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 765 |            | 22:00:00      | 614.017     | 465                                                                                             | 11653       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 766 |            | 22:30:00      | 614.517     | 486                                                                                             | 11693       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 767 |            | 23:00:00      | 615.017     | 507                                                                                             | 11663       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 768 |            | 23:30:00      | 615.517     | 528                                                                                             | 11683       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 769 | 2004/11/30 | 00:00:00      | 616.017     | 546                                                                                             | 11653       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 770 |            | 00:30:00      | 616.517     | 569                                                                                             | 11723       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 771 |            | 01:00:00      | 617.017     | 586                                                                                             | 11743       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 772 |            | 01:30:00      | 617.517     | 616                                                                                             | 11753       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 773 |            | 02:00:00      | 618.017     | 640                                                                                             | 11753       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 774 |            | 02:30:00      | 618.517     | 660                                                                                             | 11773       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 775 |            | 03:00:00      | 619.017     | 676                                                                                             | 11813       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 776 |            | 03:30:00      | 619.517     | 694                                                                                             | 11813       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 777 |            | 04:00:00      | 620.017     | 710                                                                                             | 11803       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 778 |            | 04:30:00      | 620.517     | 729                                                                                             | 11793       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 779 |            | 05:00:00      | 621.017     | 748                                                                                             | 11773       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 780 |            | 05:30:00      | 621.517     | 766                                                                                             | 11803       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 781 |            | 06:00:00      | 622.017     | 781                                                                                             | 11843       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 782 |            | 06:30:00      | 622.517     | 795                                                                                             | 11863       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 783 |            | 07:00:00      | 623.017     | 816                                                                                             | 11893       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 784 |            | 07:00:00      | 623.017     | Total gas flared in past 24 hours = 0.0 10 <sup>3</sup> m <sup>3</sup>                          |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 785 |            | 07:00:00      | 623.017     | Cum gas produced to date = 12.96 10 <sup>3</sup> m <sup>3</sup> .                               |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 786 |            | 07:00:00      | 623.017     | Cum water recovered to date = 124.51 m <sup>3</sup> .                                           |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 787 |            | 07:00:00      | 623.017     | Load fluid to be recovered = 243.0 m <sup>3</sup> .                                             |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 788 |            | 07:00:00      | 623.017     | Load fluid recovered in past 24 hours = 12.20 m <sup>3</sup> .                                  |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 789 |            | 07:00:00      | 623.017     | Load fluid left to be recovered = 209.19 m <sup>3</sup>                                         |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 790 |            | 07:00:00      | 623.017     |                                                                                                 |             |           | 93           | 0.00         | 0         |               | 0.000                            | 12.961                         | 0.000          |          | 0.000          | 123.553        |                                          |            |    |
| 791 |            | 07:00:01      | 623.017     | Opened choke to bleed off Tubing through separator on a 38.10 choke manifold gut line to Flare. |             |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |
| 792 |            | 07:05:00      | 623.100     | 434                                                                                             | 11893       |           |              |              |           |               |                                  |                                |                |          |                |                |                                          |            |    |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                | Csg<br>Pres | Stat<br>WHT | Diff<br>Pres | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate | Cum.<br>Gas | Fld<br>Vol | BSW<br>% | Inc<br>Wat | Cum<br>Wat | WGR<br>m³/10³m | Sal<br>ppm | pH |
|-----|------------|---------------|-------------|--------------------------------------------|-------------|-------------|--------------|--------------|-----------|---------------|-------------|-------------|------------|----------|------------|------------|----------------|------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                     | kPa(a)      | °C          | kPa(a)       | kPa          | °C        | mm            | 10³m³/      | 10³m³       | m³         | %        | m³         | m³         | m³/10³m        | ppm        |    |
| 793 | 2004/11/30 | 07:10:00      | 623.183     | 133                                        | 11893       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 794 |            | 07:15:00      | 623.267     | 93                                         | 11893       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 795 |            | 07:30:00      | 623.517     | 93                                         | 11893       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 796 |            | 07:45:00      | 623.767     | 93                                         | 11893       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 797 |            | 08:00:00      | 624.017     | 93                                         | 11893       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 798 |            | 08:30:00      | 624.517     | 93                                         | 11918       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 799 |            | 09:00:00      | 625.017     | 93                                         | 11943       |             |              |              |           |               |             |             | 0.000      |          | 0.000      | 123.553    |                |            |    |
| 800 |            | 09:30:00      | 625.517     | 93                                         | 11968       |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 801 |            | 10:00:00      | 626.017     | 93                                         | 11993       |             |              |              |           |               |             |             | 0.000      |          | 0.000      | 123.553    |                |            |    |
| 802 |            | 10:00:00      | 626.017     | CONCORD rigged up for swab operations.     |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 803 |            | 10:30:00      | 626.517     |                                            | 12018       |             |              |              |           |               |             |             | 0.000      |          | 0.000      | 123.553    |                |            |    |
| 804 |            | 10:31:00      | 626.533     | CONCORD ran in hole for first swab of day. |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 805 |            | 10:50:00      | 626.850     | Swab # 1 Tag = 591 m. Pull = 798 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 806 |            | 10:50:00      | 626.850     |                                            | 12043       |             |              |              |           |               |             |             | 1.200      | 100      |            |            |                | 182000     |    |
| 807 |            | 10:51:00      | 626.867     | CONCORD changed Sand line flagging.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 808 |            | 11:02:00      | 627.050     | Swab # 2 Tag = 591 m. Pull = 798 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 809 |            | 11:02:00      | 627.050     |                                            | 12073       |             |              |              |           |               |             |             | 0.900      | 100      | 0.900      | 124.453    |                | 182000     |    |
| 810 |            | 11:20:00      | 627.350     | Swab # 3 Tag = 591 m. Pull = 798 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 811 |            | 11:20:00      | 627.350     |                                            | 12133       |             |              |              |           |               |             |             | 0.900      | 100      | 0.900      | 125.353    |                | 180000     |    |
| 812 |            | 11:34:00      | 627.583     | Swab # 4 Tag = 591 m. Pull = 798 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 813 |            | 11:34:00      | 627.583     |                                            | 12213       |             |              |              |           |               |             |             | 0.865      | 100      | 0.865      | 126.218    |                | 169000     |    |
| 814 |            | 11:48:00      | 627.817     | Swab # 5 Tag = 539 m. Pull = 746 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 815 |            | 11:48:00      | 627.817     |                                            | 12253       |             |              |              |           |               |             |             | 0.865      | 100      | 0.865      | 127.083    |                | 170000     | 6  |
| 816 |            | 12:03:00      | 628.067     | Swab # 6 Tag = 539 m. Pull = 746 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 817 |            | 12:03:00      | 628.067     |                                            | 12223       |             |              |              |           |               |             |             | 0.819      | 100      | 0.819      | 127.902    |                | 174000     |    |
| 818 |            | 12:20:00      | 628.350     | Swab # 7 Tag = 591 m. Pull = 746 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 819 |            | 12:20:00      | 628.350     |                                            | 12223       |             |              |              |           |               |             |             | 1.012      | 100      | 1.012      | 128.914    |                | 176000     | 6  |
| 820 |            | 12:37:00      | 628.633     | Swab # 8 Tag = 591 m. Pull = 746 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 821 |            | 12:37:00      | 628.633     |                                            | 12273       |             |              |              |           |               |             |             | 1.086      | 100      | 1.086      | 130.000    |                | 178000     | 6  |
| 822 |            | 12:44:00      | 628.750     | Swab # 9 Tag = 591 m. Pull = 798 m.        |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 823 |            | 12:44:00      | 628.750     |                                            | 12273       |             |              |              |           |               |             |             | 0.576      | 100      | 0.576      | 130.576    |                | 180000     | 6  |
| 824 |            | 13:05:00      | 629.100     | Swab # 10 Tag = 591 m. Pull = 798 m.       |             |             |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 825 |            | 13:05:00      | 629.100     |                                            | 12273       |             |              |              |           |               |             |             | 0.749      | 100      | 0.749      | 131.325    |                | 180000     |    |

**Dpsco**

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|            | Clock      | Cum      | Tbg     | Csg                                                                                                                 | Stat  | Diff   |      | Gas  | Cum.    | Fld                              | Inc                            | Cum            |       |                |                |                                   |        |    |  |
|------------|------------|----------|---------|---------------------------------------------------------------------------------------------------------------------|-------|--------|------|------|---------|----------------------------------|--------------------------------|----------------|-------|----------------|----------------|-----------------------------------|--------|----|--|
| Date       | Time       | Time     | Pres    | Pres                                                                                                                | WHT   | Pres   | Pres | MRT  | Orifice | Rate                             | Gas                            | Vol            | BSW   | Wat            | Wat            | WGR                               | Sal    | pH |  |
| yyyy/mm/dd | hh:mm:ss   | hr       | kPa(a)  | kPa(a)                                                                                                              | °C    | kPa(a) | kPa  | °C   | mm      | 10 <sup>3</sup> m <sup>3</sup> / | 10 <sup>3</sup> m <sup>3</sup> | m <sup>3</sup> | %     | m <sup>3</sup> | m <sup>3</sup> | m <sup>3</sup> /10 <sup>3</sup> m | ppm    |    |  |
| 826        | 2004/11/30 | 13:05:00 | 629.100 | Shipped 6.157 m³ from Separator compartment B and C to FORMULA tank truck.                                          |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 827        |            | 13:20:00 | 629.350 | Swab # 11 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 828        |            | 13:20:00 | 629.350 |                                                                                                                     | 12283 |        |      |      |         |                                  |                                | 1.205          | 100   | 1.205          | 132.530        |                                   | 180000 | 6  |  |
| 829        |            | 13:44:00 | 629.750 | Swab # 12 Tag = 539 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 830        |            | 13:44:00 | 629.750 |                                                                                                                     | 12293 |        |      |      |         |                                  |                                | 0.516          | 100   | 0.516          | 133.046        |                                   | 180000 | 6  |  |
| 831        |            | 13:56:00 | 629.950 | Swab # 13 Tag = 539 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 832        |            | 13:56:00 | 629.950 |                                                                                                                     | 12263 |        |      |      |         |                                  |                                | 0.348          | 100   | 0.348          | 133.394        |                                   | 176000 | 6  |  |
| 833        |            | 14:25:00 | 630.433 | Swab # 14 Tag = 539 m. Pull =694 m.                                                                                 |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 834        |            | 14:25:00 | 630.433 |                                                                                                                     | 12273 |        |      |      |         |                                  |                                | 0.667          | 100   | 0.667          | 134.061        |                                   | 170000 | 7  |  |
| 835        |            | 14:38:00 | 630.650 | Swab # 15 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 836        |            | 14:38:00 | 630.650 |                                                                                                                     | 12273 |        |      |      |         |                                  |                                | 0.618          | 100   | 0.618          | 134.679        |                                   | 174000 | 7  |  |
| 837        |            | 14:50:00 | 630.850 | Swab # 16 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 838        |            | 14:50:00 | 630.850 |                                                                                                                     | 12263 |        |      |      |         |                                  |                                | 0.848          | 100   | 0.848          | 135.527        |                                   | 172000 | 7  |  |
| 839        |            | 15:03:00 | 631.067 | Swab # 17 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 840        |            | 15:03:00 | 631.067 |                                                                                                                     | 12353 |        |      |      |         |                                  |                                | 0.822          | 100   | 0.822          | 136.349        |                                   | 172000 | 7  |  |
| 841        |            | 15:19:00 | 631.333 | Swab # 18 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 842        |            | 15:19:00 | 631.333 |                                                                                                                     | 12363 |        |      |      |         |                                  |                                | 1.169          | 100   | 1.169          | 137.518        |                                   | 172000 | 7  |  |
| 843        |            | 15:30:00 | 631.517 | Swab # 19 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 844        |            | 15:30:00 | 631.517 |                                                                                                                     | 12363 |        |      |      |         |                                  |                                | 0.844          | 100   | 0.844          | 138.362        |                                   | 172000 | 7  |  |
| 845        |            | 15:31:00 | 631.533 | Shipped 7.037 m³ from Separator compartment B and C to FORMULA tank truck.                                          |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 846        |            | 15:46:00 | 631.783 | Swab # 20 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 847        |            | 15:46:00 | 631.783 |                                                                                                                     | 12363 |        |      |      |         |                                  |                                | 0.514          | 100   | 0.514          | 138.876        |                                   | 172000 | 7  |  |
| 848        |            | 16:00:00 | 632.017 | Swab # 21 Tag = 591 m. Pull = 746 m.                                                                                |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 849        |            | 16:00:00 | 632.017 |                                                                                                                     | 12363 |        |      |      |         |                                  |                                | 0.462          | 100   | 0.462          | 139.338        |                                   | 172000 | 7  |  |
| 850        |            | 16:01:00 | 632.033 | Shut in at lower master valve and bled off pressure above. Closed wing valve. Injected methanol above lower master. |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 851        |            | 16:01:00 | 632.033 |                                                                                                                     |       |        | 93   | 0.00 | 0       |                                  | 0.000                          | 12.961         | 0.000 |                | 0.000          | 139.338                           |        |    |  |
| 852        |            | 16:01:00 | 632.033 | Blew down flow line fluid to OPSCO separator using sour supply. Purged flow line and Separator with Propane.        |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 853        |            | 16:01:00 | 632.033 | Closed Upper master valve, injected methanol above. Installed blind flanges on High line and kill wing valves.      |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 854        |            | 16:01:00 | 632.033 | Shipped 3.791 m³ from Separator compartment B and C to FORMULA tank truck.                                          |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 855        |            | 16:01:00 | 632.033 | Commenced rig down.                                                                                                 |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 856        |            | 17:30:00 | 633.517 |                                                                                                                     | 12363 |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 857        |            | 17:30:00 | 633.517 | Total gas flared in past 24 hours was Zero 10³m³                                                                    |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |
| 858        |            | 17:30:00 | 633.517 | Cum gas flared to date was 12.96 10³m³.                                                                             |       |        |      |      |         |                                  |                                |                |       |                |                |                                   |        |    |  |

PARAMOUNT RESOURCES LTD  
K-29(GRID SECTION 60 30' N, 123 DEG 30'W)  
Start Test Date: 2004/11/06  
Final Test Date: 2004/11/30

# PARAMOUNT RESOURCES LTD REPORT

PARAMOUNT et al LIARD K-29  
Formation: NAHANNI

|     | Date       | Clock<br>Time | Cum<br>Time | Tbg<br>Pres                                                                                          | Csg<br>Pres | WHT<br>°C | Stat<br>Pres | Diff<br>Pres | MRT<br>°C | Orifice<br>mm | Gas<br>Rate | Cum.<br>Gas | Fld<br>Vol | BSW<br>% | Inc<br>Wat | Cum<br>Wat | WGR<br>m³/10³m | Sal<br>ppm | pH |
|-----|------------|---------------|-------------|------------------------------------------------------------------------------------------------------|-------------|-----------|--------------|--------------|-----------|---------------|-------------|-------------|------------|----------|------------|------------|----------------|------------|----|
|     | yyyy/mm/dd | hh:mm:ss      | hr          | kPa(a)                                                                                               | kPa(a)      | °C        | kPa(a)       | kPa          | °C        | mm            | 10³m³/      | 10³m³       | m³         | %        | m³         | m³         | m³/10³m        | ppm        |    |
| 859 | 2004/11/30 | 17:30:00      | 633.517     | Cum water recovered to date was 141.5 m³.                                                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 860 |            | 17:30:00      | 633.517     | Load fluid to be recovered was 243.0 m³.                                                             |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 861 |            | 17:30:00      | 633.517     | Load fluid recovered in past 24 hours was 16.99 m³.                                                  |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 862 |            | 17:30:00      | 633.517     | Load fluid left to be recovered was 192.2 m³                                                         |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 863 |            | 17:31:00      | 633.533     |                                                                                                      |             |           | 93           | 0.00         | 0         |               | 0.000       | 12.961      | 0.000      |          | 0.000      | 139.338    |                |            |    |
| 864 | 2004/12/01 | 07:00:00      | 647.017     | Arrived location to complete rig down and daylight inspection of location.                           |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 865 |            | 07:00:00      | 647.017     | Lower and rack 60' x 6" Flare stack.                                                                 |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 866 |            | 07:00:00      | 647.017     | Equipment remained on location waiting on Ice Bridge to open. Crew mobilized back to Grande Prairie. |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 867 |            | 07:00:00      | 647.017     | 2004 Nov 30 samples obtained; Swab #1 to 4, and two CONCORD rig tank Sludge bin.                     |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 868 |            | 07:00:00      | 647.017     | Samples delivered to AGAT Grande Prairie.                                                            |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |
| 869 |            | 07:00:00      | 647.017     | 93                                                                                                   | 93          | 0         | 93           | 0.00         | 0         |               | 0.000       | 12.961      | 0.000      |          | 0.000      | 139.338    |                |            |    |
| 870 |            | 07:00:00      | 647.017     | END OF OPERATIONS                                                                                    |             |           |              |              |           |               |             |             |            |          |            |            |                |            |    |